SAMSUNG LASER MFP User's Guide

Msys 755P
SF-755P

For UK customers:
To reorder your consumables
Call 0800 3164060
For Technical Assistance
Call 0870 2420303

About the User's Guides

Your machine comes with the two user's guides:

This Laser MFP User's Guide provides information you need for setting up your machine and installing the supplied software. It also provides all of the detailed instructions for using your machine as a printer, a scanner, a copier and a facsimile and information for maintaining and troubleshooting the machine.

The SmarThru 3 User's Guide provides the basic description about using the multi-function application. Samsung SmarThru allows you to scan and edit images, and to scan for copying, faxing and sending an e-mail on your computer. You can also find a brief description on the automatic text recognition program, AnyPage.

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Important Precautions and Safety Information

When using this machine, these basic safety precautions should always be followed to reduce risk of fire, electric shock and injury to people:

1. Read and understand all instructions.
2. Use common sense whenever operating electrical appliances.
3. Follow all warnings and instructions marked on the machine and in the literature accompanying the machine.
4. If an operating instruction appears to conflict with safety information, heed the safety information. You may have misunderstood the operating instruction. If you cannot resolve the conflict, contact your sales or service representative for assistance.
5. Unplug the machine from the AC wall socket and/or telephone jack before cleaning. Do not use liquid or aerosol cleaners. Use only a damp cloth for cleaning.
6. Do not place the machine on an unstable cart, stand or table. It may fall, causing serious damage.
7. Your machine should never be placed on, near or over a radiator, heater, air conditioner or ventilation duct.
8. Do not allow anything to rest on the power cable. Do not place your machine where the cords will be abused by persons walking on them.
9. Do not overload wall outlets and extension cords. This can diminish performance, and may result in the risk of fire or electric shock.
10. Do not allow pets to chew on the AC power, telephone or PC interface cords.
11. Never push objects of any kind into the machine through case or cabinet openings. They may touch dangerous voltage points, creating a risk of fire or shock. Never spill liquid of any kind onto or into the machine.
12. Your machine may have a heavy cover for optimal pressure on the document for the best scanning and/or faxing . In this case, replace the cover after placing the document on the scan glass by holding and moving it down slowly until it seats on its location.
13. To reduce the risk of electric shock, do not disassemble the machine. Take it to a qualified service technician when repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly could cause electric shock when the unit is subsequently used.
14. Unplug the machine from the telephone jack, PC and AC wall outlet and refer servicing to qualified service personnel under the following conditions:
    - When any part of the power cord, plug or connecting cable is damaged or frayed.
    - If liquid has been spilled into the machine.
    - If the machine has been exposed to rain or water.
    - If the machine does not operate properly after instructions have been followed.
    - If the machine has been dropped, or the cabinet appears damaged.
    - If the machine exhibits a sudden and distinct change in performance.

15. Adjust only those controls covered by the operating instructions. Improper adjustment of other controls may result in damage, and may require extensive work by a qualified service technician to restore the machine to normal operation.

16. Avoid using this machine during a lightning storm. There may be a remote risk of electric shock from lightning. If possible, unplug the AC power and telephone cord for the duration of the lightning storm.

17. SAVE THESE INSTRUCTIONS.

18. Use only No.26 AWG or larger telephone line cord.

Laser Safety Statement

The printer is certified in the U.S. to conform to the requirements of DHHS 21 CFR, chapter 1 Subchapter J for Class I(1) laser products, and elsewhere is certified as a Class I laser product conforming to the requirements of IEC 825.

Class I laser products are not considered to be hazardous. The laser system and printer are designed so there is never any human access to laser radiation above a Class I level during normal operation, user maintenance or prescribed service condition.

WARNING

Never operate or service the printer with the protective cover removed from Laser/ Scanner assembly. The reflected beam, although invisible, can damage your eyes.

CAUTION - INVISIBLE LASER RADIATION WHEN THIS COVER OPEN. DO NOT OPEN THIS COVER.

VORSICHT - UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET. NICHT DEM STRAHL AUSSETZEN.

ATTENTION - RAYONNEMENT LASER INVISIBLE EN CAS D'OUVERTURE. EXPOSITION DANGEREUSE AU FAISCEAU.

ATTENZIONE - RADIAZIONE LASER INVISIBILE IN CASO DI APERTURA. EVITARE L'ESPOSIZIONE AL FASCIO.

PRECAUCIÓN - RADIACIÓN LASER INVISIBLE CUANDO SE ABRE. EVITAR EXPONERSE AL RAYO.

PERIGO - RADIAÇÃO LASER INVISÍVEL AO ABRIR. EVITE EXPOSIÇÃO DIRECTA AO FEIXE.

GEVAAR - ONZICHTBARE LASERSTRALEN BIJ GEOPENDE KLEP. DEZE KLEP NIET OPENEN.

ADVARSEL. - USYNLIG LASERSTRÅLNING VED ÅBNING, NÅR SIKKERHEDSBRYDERE ER UDE AF FUNKTION. UNDGÅ UDSAETTELSE FOR STRÅLNING.

ADVARSEL. - USYNLIG LASERSTRÅLNING NÅR DEKSEL ÅPNES. STIRR IKKE INN I STRÅLEN. UNNGÅ EKSPONERING FOR STRÅLEN.

VARNING - OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPEN OCH SPÄRREN ÄR URKOPPLAD. BETRAKTA EJ STRÅLEN. STRÅLEN ÄR FARLIG.

VARO! - AVATTAESSA JA SUOJALUKITUS OHITETTAESSA OLET ALTTIINA NÄKYMÄTTÖMÄLLE LASER-SÄTEILYLLE ÄLÄ KATSO SÄTEESEEN.

注 意 - 严禁揭开此盖, 以免激光泄露灼伤

주 의 - 이 덮개를 열면 레이저광에 노출될 수 있으므로 주의하십시오.

Ozone Safety

During normal operation, this machine produces ozone. The ozone produced does not present a hazard to the operator. However, it is advisable that the machine be operated in a well ventilated area.

If you need additional information about ozone, please request your nearest Samsung dealer.

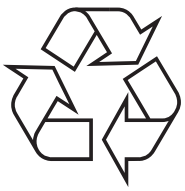
Power Saver

This machine contains advanced energy conservation technology that reduces power consumption when it is not in active use.

When the machine does not receive data for an extended period of time, power consumption is automatically lowered.

The energy star emblem does not represent EPA endorsement of any machine or service.

Recycling



Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.

Radio Frequency Emissions

FCC Information to the User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or experienced radio TV technician for help.

CAUTION: Change or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Canadian Radio Interference Regulations

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled “Digital Apparatus”, ICES-003 of the Industry and Science Canada.

Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: “Appareils Numériques”, ICES-003 édictée par l’Industrie et Sciences Canada.

Fax Branding

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone facsimile machine unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission the following information:

(1) the date and time of transmission

(2) identification of either business, business entity or individual sending the message; and

(3) telephone number of either the sending machine, business, business entity or individual.

The Telephone Company may make changes in its communications facilities, equipment operations or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68. If such changes can be reasonably expected to render any customer terminal equipment incompatible with telephone company communications facilities, or require modification or alteration of such terminal equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

Ringer Equivalence Number

The Ringer Equivalence Number and FCC Registration Number for this machine may be found on the label located on the bottom or rear of the machine. In some instances you may need to provide these numbers to the telephone company.

The Ringer Equivalence Number (REN) is a measure of the electrical load placed on the telephone line, and is useful for determining whether you have "overloaded" the line. Installing several types of equipment on the same telephone line may result in problems making and receiving telephone calls, especially ringing when your line is called. The sum of all Ringer Equivalence Numbers of the equipment on your telephone line should be less than five in order to assure proper service from the telephone company. In some cases, a sum of five may not be usable on your line. If any of your telephone equipment is not operating properly, you should immediately remove it from your telephone line, as it may cause harm to the telephone network.

WARNING:

FCC Regulations state that changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment. In the event that terminal equipment causes harm to the telephone network, the telephone company should notify the customer that service may be stopped. However, where prior notice is impractical, the company may temporarily cease service, providing that they:

a) promptly notify the customer.

b) give the customer an opportunity to correct the equipment problem.

c) inform the customer of the right to bring a complaint to the Federal Communication Commission pursuant to procedures set out in FCC Rules and Regulations Subpart E of Part 68.

You should also know that:

- Your machine is not designed to be connected to a digital PBX system.
- If you intend to use a computer modem or fax modem on the same phone line as your machine, you may experience transmission and reception problems with all the equipment. It is recommended that no other equipment, except for a regular telephone, share the line with your machine.
- If your area experiences a high incidence of lightning or power surges, we recommend that you install surge protectors for both the power and the telephone lines. Surge protectors can be purchased from your dealer or telephone and electronic specialty stores.
- When programming emergency numbers and/or making test calls to emergency numbers, use a non-emergency number to advise the emergency service dispatcher of your intentions. The dispatcher will give you further instructions on how to actually test the emergency number.
- This machine may not be used on coin service or party lines.
- This machine provides magnetic coupling to hearing aids.
- You may safely connect this equipment to the telephone network by means of a standard modular jack, USOC RJ-11C.

Declaration of Conformity (European Countries)

Approvals and Certifications

The CE marking applied to this product symbolizes Samsung Electronics Co., Ltd. Declaration of Conformity with the following applicable 93/68/EEC Directives of the European Union as of the dates indicated:

January 1, 1995: Council Directive 73/23/EEC Approximation of the laws of the member states related to low voltage equipment.

January 1, 1996: Council Directive 89/336/EEC (92/31/EEC), approximation of the laws of the Member States related to electromagnetic compatibility.

March 9, 1999: Council Directive 1999/5/EC on radio equipment and telecommunications terminal equipment and the mutual recognition of their conformity.

A full declaration, defining the relevant Directives and referenced standards can be obtained from your Samsung Electronics Co., Ltd. representative.

EC Certification

Certification to 1999/5/EC Radio Equipment & Telecommunications Terminal Equipment Directive (FAX)

This Samsung product has been self-certified by Samsung for pan-European single terminal connection to the analogue public switched telephone network (PSTN) in accordance with Directive 1999/5/EC. The product has been designed to work with the national PSTNs and compatible PBXs of the European countries:

In the event of problems, you should contact the Euro QA Lab of Samsung Electronics Co., Ltd. in the first instance.

The product has been tested against TBR21. To assist in the use and application of terminal equipment which complies with this standard, the European Telecommunication Standards Institute (ETSI) has issued an advisory document (EG 201 121) which contains notes and additional requirements to ensure network compatibility of TBR21 terminals. The product has been designed against, and is fully compliant with, all of the relevant advisory notes contained in this document.

Replacing the Fitted Plug (for UK Only)

Important

The mains lead for this machine is fitted with a standard (BS 1363) 13 amp plug and has a 13 amp fuse. When you change or examine the fuse, you must re-fit the correct 13 amp fuse. You then need to replace the fuse cover. If you have lost the fuse cover, do not use the plug until you have another fuse cover.

Please contact the company from where the machine was purchased.

The 13 amp plug is the most widely used type in the UK and should be suitable. However, some buildings (mainly old ones) do not have normal 13 amp plug sockets. You need to buy a suitable plug adaptor. Do not remove the moulded plug.

Warning

If you cut off the moulded plug, get rid of it straight away.
You cannot rewire the plug and you may receive an electric shock if you plug it into a socket.

Important warning: You must earth this machine.

The wires in the mains lead have the following color code:

- Green and Yellow: Earth
- Blue: Neutral
- Brown: Live

If the wires in the mains lead do not match the colors marked in your plug, do the following:

You must connect the green and yellow wire to the pin colored green and yellow or green or marked by the letter "E" or by the safety `Earth symbol.'

You must connect the blue wire to the pin colored black or which is marked with the letter "N."

You must connect the brown wire to the pin colored red or which is marked with the letter "L."

You must have a 13 amp fuse in the plug, adaptor, or at the distribution board.

SAMSUNG ELECTRONICS

EU Declaration of Conformity (RTTE)

We, Samsung Electronics Co, Ltd.

of Samsung Electronics Co.,Ltd. #259, GongDan-Dong,Gumi-City, Kyung-Buk, KOREA 730-030
of Shandong Samsung Telecommunications Co.,Ltd. Sanxing Road, Weihai Hi-Tech, IDZ Shandong Province, China 264209
(factory name, address)

declare under our sole responsibility that the product

Multi-function Facsimile
model "SF-755P, SF-750,
FAX2210L/F270/LF215m/IF3050"

to which this declaration relates is in conformity with

RTTE Directive 1999/5/EC (Annex Ⅱ)
Low Voltage Directive 73/23/EEC
EMC Directive 89/336/EEC:92/31/EEC

By application of the following standards

RTTE : TBR 21, EG 201 121

LVD : EN 60950-1:2001

EMC : EN55022:1998, EN55024:1998 + A1:2001, EN61000-3-2:1995+A1:1998+A2:1998 +A14:2000, EN61000-3-3:1995 + A1:2001, EN61000-4-2:1995, EN61000-4-3:1996, EN61000-4-4:1995, EN61000-4-5:1995, EN61000-4-6:1996, EN61000-4-8:1993, EN61000-4-11:1994

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2004-02-20

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(place and date of issue)

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2004-02-20

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(place and date of issue)

In-Seop Lee / Manager

.....
(name and signature of authorized person)

Differences Between British and American English

British English	American English
(Re)dialling	(Re)dialing
Colour	Color
Emphasise	Emphasize
Recognise	Recognize
Organise	Organize
Authorise	Authorize
Cancelling	Canceling
Customise	Customize
Socket	Jack
Labelling	Labeling
Favourite	Favorite
Columns	Colums
Grey	Gray
Greyscale	Grayscale

WARNING

- Do not disassemble the machine as it may give you an electric shock.
- If you print large amount of copies, the surface of the output tray may become hot. Be careful not to touch the surface, especially for children.

1 GETTING STARTED

Thank you for purchasing this multifunctional product. Your machine provides you with printing, copying, scanning and faxing functions!

This chapter gives you step-by-step instructions for setting up your machine.

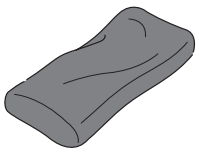
This chapter includes:

- **Setting Up Your Machine**
  - Unpacking
  - Understanding the Component Location
  - Attaching the Document Output Support
  - Installing the Toner Cartridge
  - Loading Paper
  - Making Connections
  - Turning the Machine On
- **Installing Software**
  - About Samsung Software
  - Installing Samsung Software in Windows
  - Repairing Software
  - Removing Software
- **Setting Up the Machine System**
  - Changing the Display Language
  - Setting the Machine ID
  - Setting the Date and Time
  - Setting the Paper Type and Size
  - Setting Sounds
  - Using the Save Modes

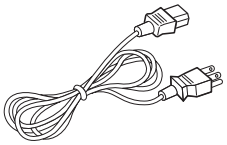
Setting Up Your Machine

Unpacking

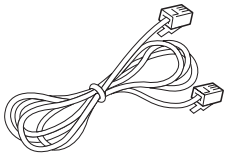
Remove the machine and all accessories from the packing carton. Make sure that the machine has been packed with the following items. If there is a missing item, contact the retailer where you bought the machine:



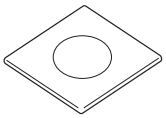
Starter Toner Cartridge



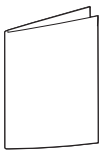
AC Power Cord*



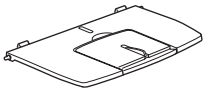
Telephone Line Cord*



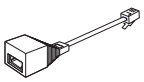
CD-ROM**



Quick Install Guide



Document Output Support



TAM lead (for UK only)

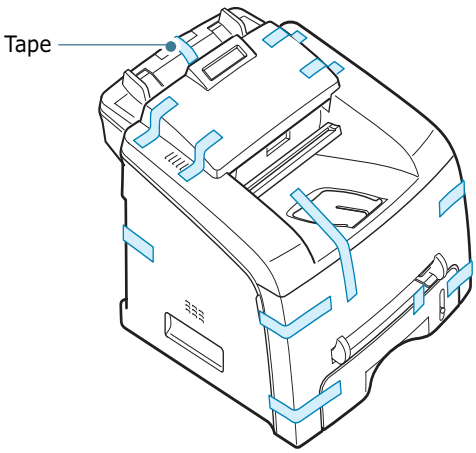
* The appearance of the power cord and the telephone line cord may differ according to your country's specifications.

** The CD-ROM contains the MFP driver, SmarThru software, the user's guides and the Adobe Acrobat Reader program.

NOTES:

- Components may differ from one country to another.
- You should use the telephone line cord which is supplied with your machine. If you are replacing it with another vendor's, it should be AWG #26 or larger telephone line cord.
- The power cord must be plugged into a grounded power socket.

Remove the packing tape from the front, back and sides of the machine.



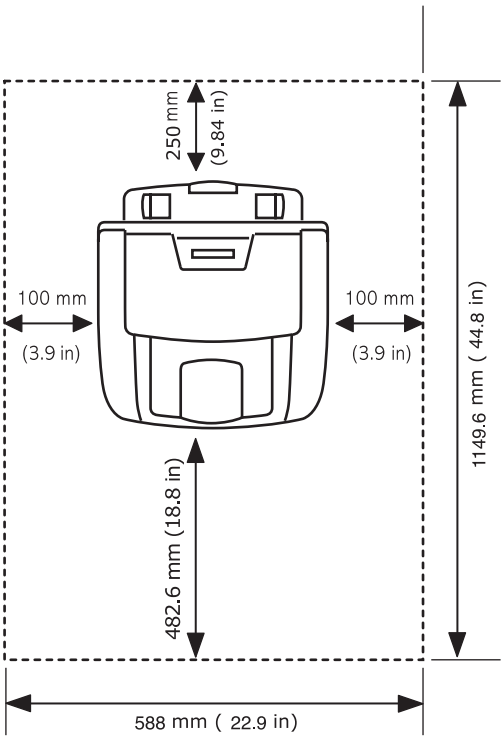
Selecting a Location

Select a level, stable place with adequate space for air circulation. Allow extra space for opening covers and trays.

The area should be well-ventilated and away from direct sunlight or sources of heat, cold and humidity. Do not set the machine close to the edge of your desk or table.

Clearance Space

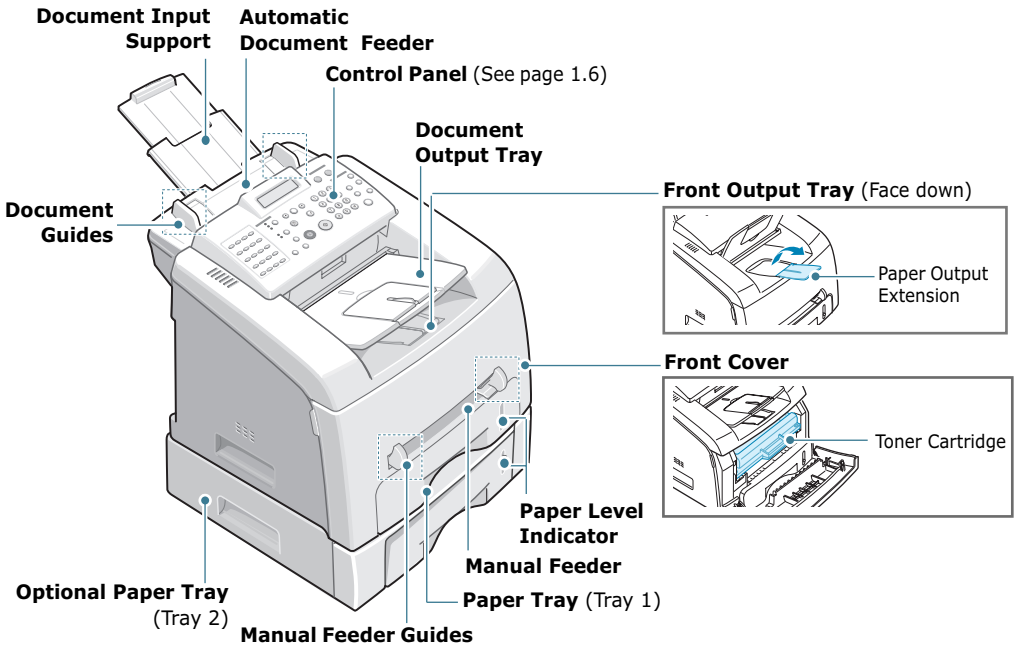
- **Front**: 482.6 mm (enough space so that the paper tray can be removed)
- **Back**: 250 mm (enough space for ventilation)
- **Right**: 100 mm
- **Left**: 100 mm (enough space for ventilation)



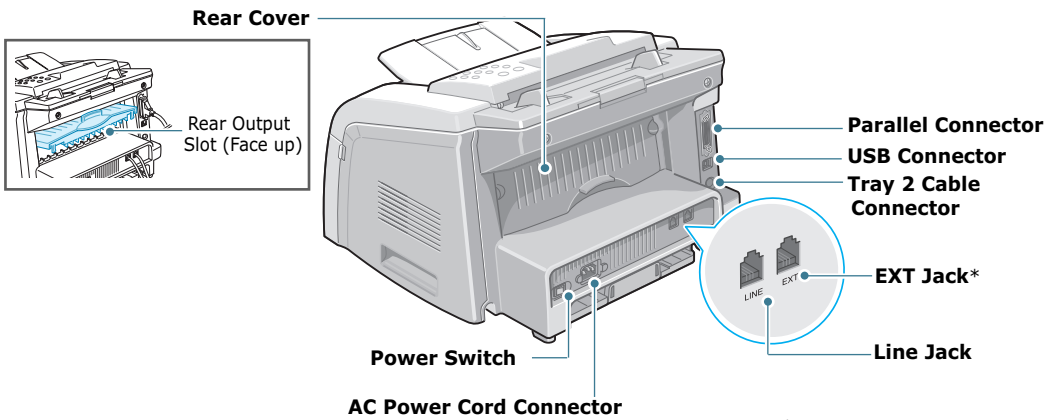
Understanding the Component Location

These are the main components of your machine:

Front View

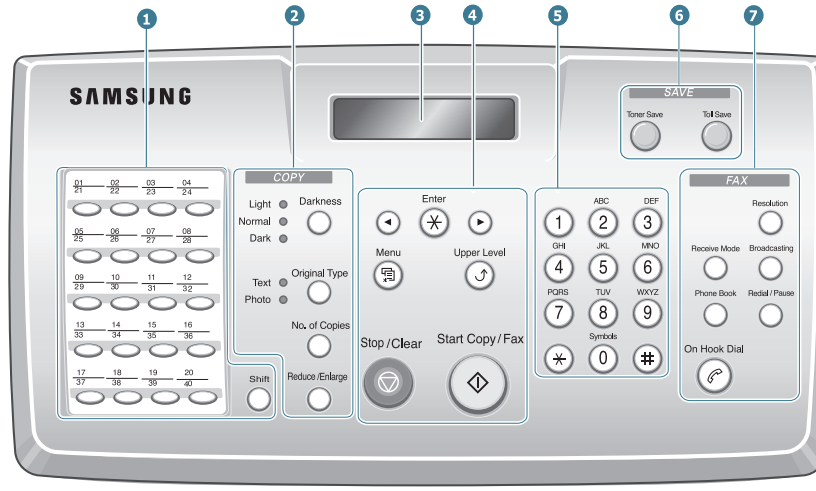


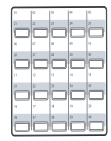
Rear View



* If your country has a different telephone connection system, this socket may be blocked.

Control Panel Functions

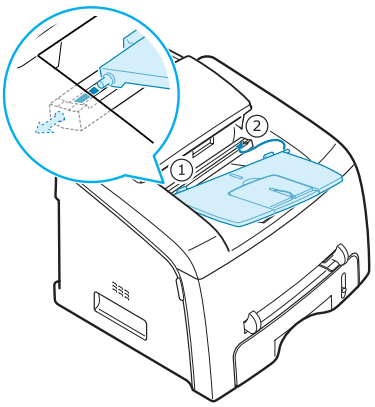


1		Use to store frequently-dialed fax number and dial them with a touch of a button.
	Shift	Allows you to shift the one-touch buttons to the numbers 21 through 40.
2 COPY	Darkness	Adjusts the brightness of the documents for the current copy job.
	Original Type	Selects the document type for the current copy job.
	No. of Copies	Selects the number of copies.
	Reduce /Enlarge	Makes a copy smaller or larger than the original document.
3		Displays the current status and prompts during an operation.
4		Scrolls through the options available for the selected menu item.
	Enter	Confirms the selection on the display.
	Menu	Enters Menu mode and scrolls through the menus available.

4		Returns you to the upper menu level.
		Stops an operation at any time. In Standby mode, clears/cancels the copy options, such as the darkness, the document type setting, the copy size and the number of copies.
		Starts a job.
5		Dials a number or enters alphanumeric characters.
6 SAVE		Allows you to save on toner by using less toner to print documents.
		Allows you to save on call costs by sending a fax at a preset toll-saving time. Using this feature, you can take advantage of lower long distance rates at night, for example.
7 FAX		Allows you to select the fax receiving mode.
		• Allows you to store frequently-dialed fax numbers using a one or two-digit speed dial or group number for automatic dialing and to edit the stored numbers. • Allows you to print a Phonebook list.
		Engages the telephone line.
		Adjusts the resolution of the documents for the current fax job.
		Allows you to send a fax to multiple destinations.
		Redials the last number in Standby mode or inserts a pause into a fax number in Edit mode.

Attaching the Document Output Support

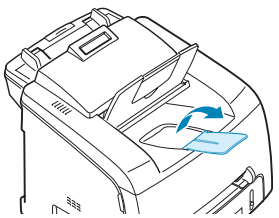
Insert the two tabs on the supplied document output support into the holes on both sides of the paper output tray.



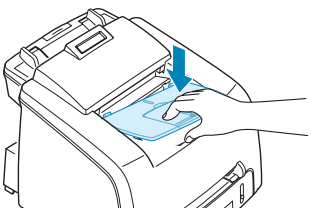
Fold out the extender, if necessary.

NOTES:

- When you want to use the paper output extension, first slightly lift the document output support up, then fold out the extension.

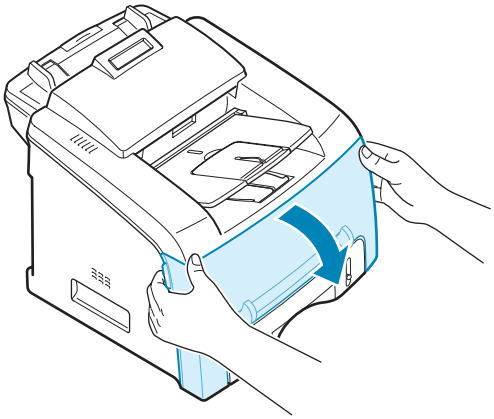


- When detaching the document output tray, detach it by pressing the front portion of document output tray as seen from the picture. As this time, even though the dull sound is heard the components are safe from damge.

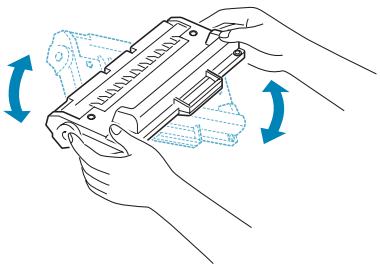


Installing the Toner Cartridge

1 Open the front cover.



2 Remove the starter toner cartridge from its bag. Gently roll the cartridge 5 or 6 times to distribute the toner evenly inside the cartridge.

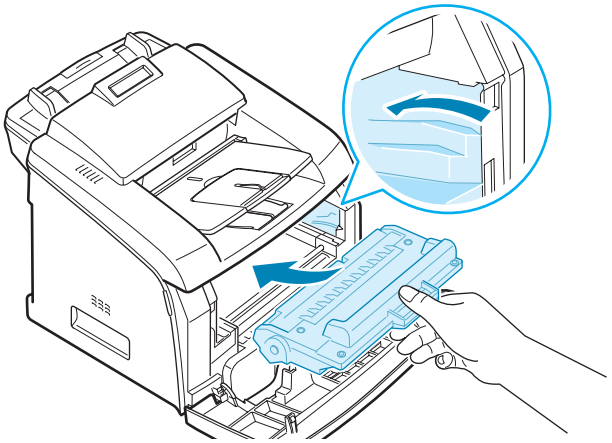


Thoroughly rolling the cartridge will assure the maximum copies per cartridge.

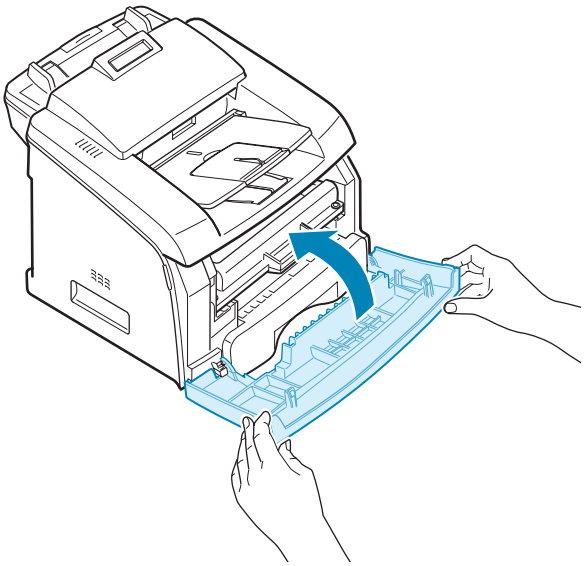
CAUTION:

- To prevent damage, do not expose the toner cartridge to light for more than a few minutes. Cover it with a piece of paper, if left exposed for more than a few minutes.
- If toner gets on your clothing, wipe it off with a dry cloth and wash clothing in cold water. Hot water sets toner into the fabric.

3 Slide the toner cartridge into the machine until it locks into place completely.



4 Close the front cover. Make sure that the cover is securely closed.

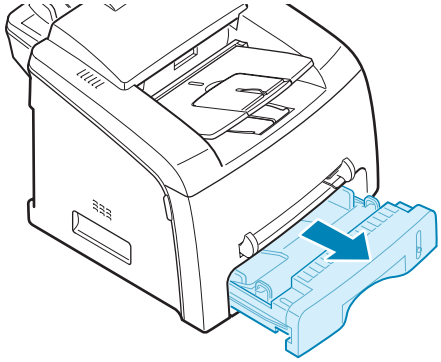


Loading Paper

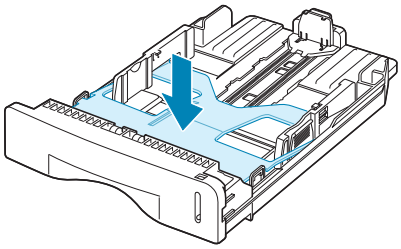
You can load approximately 250 sheets.

To load a stack of Letter-sized paper:

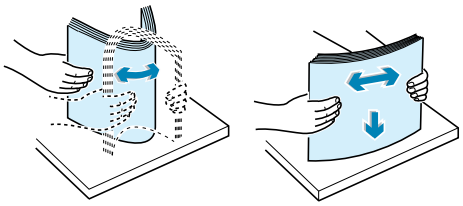
1 Pull open the paper tray and remove it from the machine.



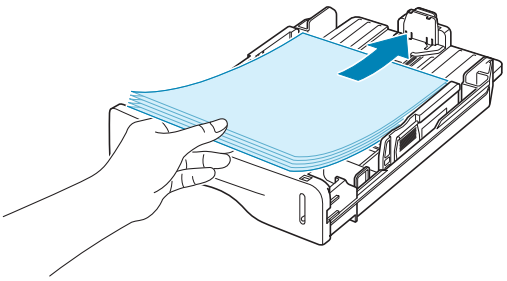
2 Push down on the pressure plate until it locks into place.



3 Fan the edges of the paper stack to separate the pages. Then tap the stack on a flat surface to even it up.

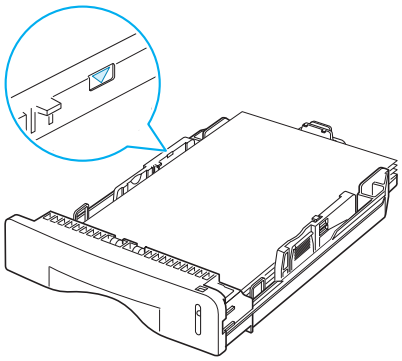


4 Insert the paper stack into the paper tray with the side you want to print on facing up.

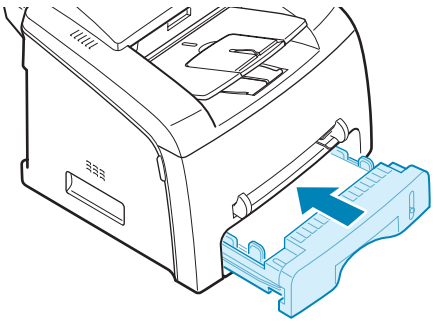


NOTE: If you want to load a different size of paper, you need to adjust the paper guides. For details, see page 1.13.

5 Pay attention to the paper limit mark on the left inside wall of the tray. Paper overloading may cause paper jams.



6 Insert and slide the paper tray back into the machine.

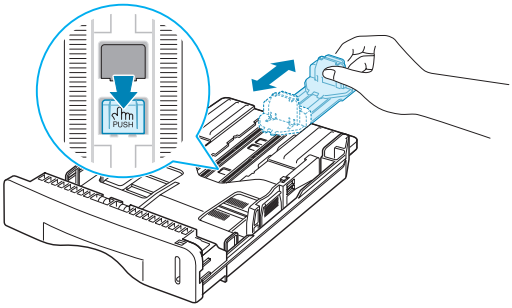


NOTE: After you load the paper, you need to set up your machine for the paper type and size you loaded. See page 1.35 for copying and faxing, or page 3.7 for PC-printing.

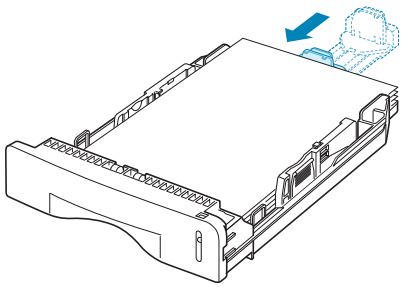
Changing the Paper Size in the Paper Tray

To load longer sizes of paper, such as Legal-sized paper, you need to adjust the paper guides to extend the paper tray.

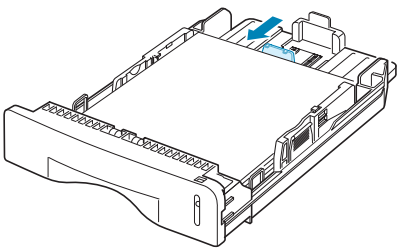
1 After pressing and unlatching the guide lock, slide the paper length guide out completely to extend the paper tray to its full length.



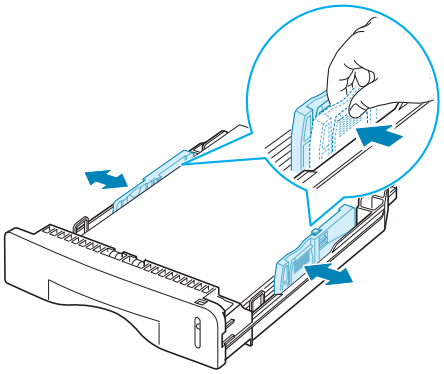
2 After inserting the paper into the tray, slide in the guide until it lightly touches the end of the paper stack.



For paper smaller than letter, adjust the paper length guide accordingly.

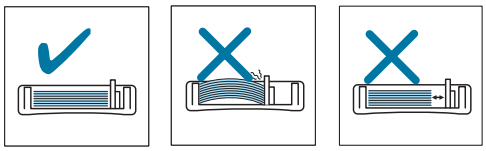


3 Pinching the paper width guide as shown, move it toward the stack of paper until it lightly touches the side of the stack.



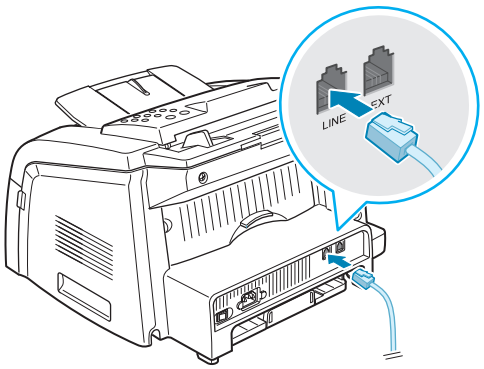
NOTES:

- Do not push the paper width guide far enough to cause the materials to warp.
- If you do not adjust the paper width guide, it may cause paper jams.



Making Connections

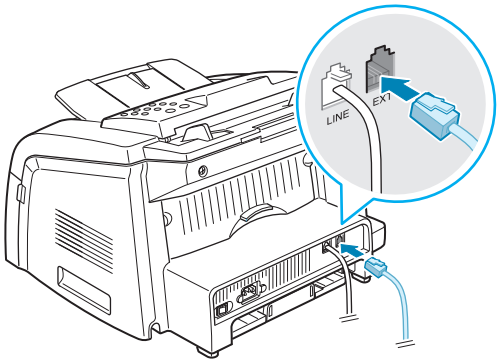
1 Plug the telephone line cord into the **LINE** jack and the other end into the wall jack.



➜ To the wall jack

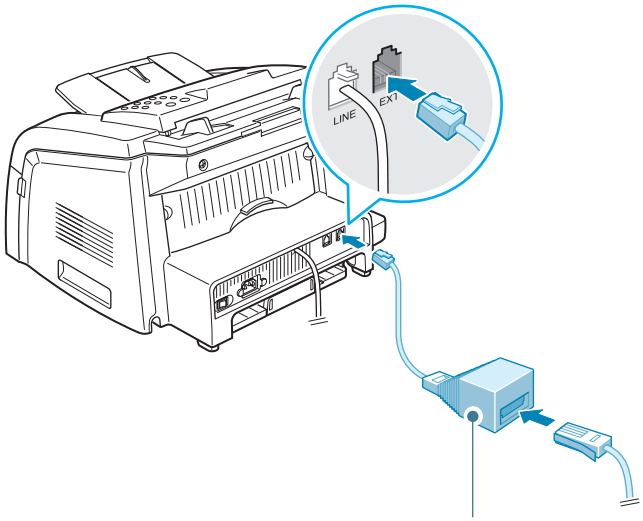
NOTE: It is not recommended to use fax over the Internet (VoIP). Please make sure whether Service Provider supports T.38 protocol or not for using fax over the Internet.

2 To connect a telephone and/or answering machine to your machine, plug the cord of your extension phone or answering machine into the **EXT** jack.



➜ To an extension phone or answering machine

UK users should plug the cord of the extension phone into the supplied TAM lead and plug the cord of the TAM lead into the **EXT** jack on the back of your machine.



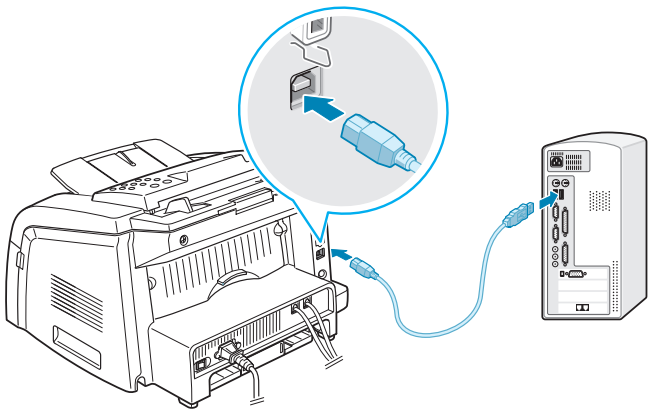
TAM lead
(For UK users only)

NOTES:

- Use the TAM lead and the telephone line cord supplied with your machine.
- In the United Kingdom, if a three-wire type (SHUNT-wire, found on older equipment) telephone or answering machine is connected to the EXT jack on the machine, the external equipment will fail to ring when receiving an incoming call as the machine is designed to operate with the latest technology. To prevent this incompatibility, use two-wire (newer equipment) telephones or answering machines.

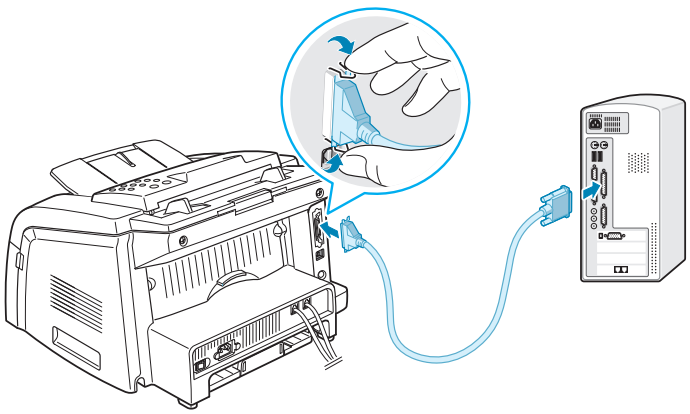
3 Connect a USB cable to the USB connector on your machine.

You must purchase a USB 2.0 compliant cable that is no more than 3 m in length.



If you want to use a parallel printer cable, purchase only a IEEE 1284 compliant parallel cable and connect it to the parallel connector on your machine.

Push the metal clips down to fit inside the notches on the cable plug.



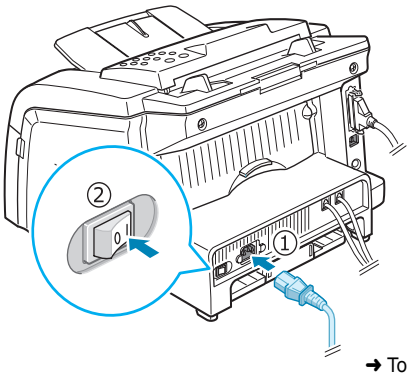
NOTES:

- You only need to connect one of the cables mentioned above. Do not use the parallel and the USB cables at the same time.
- If you are using a USB cable, you must be running Windows 98/Me/2000/XP.
- When using the USB connection, your machine provides two USB modes; Fast and Slow. Fast is the default mode. Some PC users may experience poor USB function in the default mode. If this occurs, select the Slow mode to achieve successful results. For details about changing the USB mode, see page 9.14.

Turning the Machine On

1 Plug one end of the supplied three-pronged electrical type cord into the AC socket on the machine and the other end into a properly grounded AC outlet.

2 Press the power switch to turn the machine on. "Warming Up Please Wait" appears on the display indicating that the machine is now on.



➜ To the AC wall jack

To view your display text in another language, see page 1.30.

CAUTION:
- The fusing area inside the rear part of your machine becomes hot once the machine is turned on. Be careful when you access this area.
- Do not disassemble the machine when it is turned on as it may give you an electric shock.

Installing Software

About Samsung Software

You must install software using the supplied CD-ROM after you have set up your machine and connected it to your computer. The CD-ROM includes:

- Samsung software
- User's Guides
- Adobe Acrobat Reader

The CD-ROM provides you with the following software:

Windows MFP Driver

To use your machine as a printer and scanner in Windows, you must install the MFP driver. For information about installing the MFP driver in Windows, see page 1.20.

Macintosh Printer Driver

You can use your machine with Macintosh. For information about installing the printer driver from Macintosh, see page 7.2.

Linux Driver

You can print and scan in Linux using your machine. For information about installing the MFP driver in Linux, see page 7.14.

Remote Control Panel

This Windows-based program is automatically installed when you install the MFP driver. For information about using the program, see page 6.35.

SmarThru Software

SmarThru is the accompanying Windows-based software for your multifunctional machine. SmarThru contains a powerful image editor that allows you to edit images in many ways and also includes powerful Internet mail client software.

With SmarThru, you can save the scanned images in a dedicated storage area for subsequent editing, sending via e-mail or fax, printing and processing by other programs of your choice.

OCR Software (AnyPage Lite)

AnyPage Lite, the OCR (Optical Character Recognition) program, is Windows-based software that has the ability to recognize most character formats so that a scanned document can be read and edited with word processing software.

NOTES:

- **In case of Chinese, it does not support the OCR function.**
- OCR is available only for languages supported by AnyPage Lite. Supported languages are Africans, Albanian, Basque, Bulgarian, Byelorussian, Catalan, Croatian, Czech, Danish, Digits, Dutch, English, Estonian, Finnish, French, German, Hungarian, Icelandic, Indonesian, Irish, Italian, Latvian, Lithuanian, Macedonian, Norwegian (Bokmal), Norwegian (Nynorsk), Polish, Portuguese, Romanian, Russian, Serbian, Slovak, Spanish, Swahili, Swedish, Tagalog, Turkish, Ukrainian, Korean.
- Recommended Scan Option for OCR
  Resolution: 200 or 300 dpi
  Image Type: Mono(Black & White)

Printer Driver Features

Your printer drivers support the following standard features:

- Paper source selection
- Paper size, orientation and media type
- number of copies

The following table lists a general overview of features supported by your printer drivers.

Feature	Printer Driver				
	Win9x/Me	Win2000/XP	WinNT4.0	Macintosh	Linux
Toner Save	Y	Y	Y	N	Y
Print quality option	Y	Y	Y	Y	Y
Poster printing	Y	Y	Y	N	N
Multiple pages per sheet (N-up)	Y	Y	Y	Y	Y (2, 4)
Fit to page printing	Y	Y	Y	N	Y
Scale printing	Y	Y	Y	Y	Y
Watermark	Y	Y	Y	Y	N
Overlay	Y	Y	Y	N	N

NOTES:

- Some of features, such as Paper Type, Grayscale and Black&White, are not supported on Mac OS 10.X.
- The Watermark feature is not supported on Mac OS 9.1 or higher.

Installing Samsung Software in Windows

System Requirements

Before you begin, ensure that your system meets the minimum requirements.

Supported Operating System

- Windows 95 OSR2
- Windows 98/Windows 98 SE
- Windows Me
- Windows NT 4 Workstation or Server with Service Pack 3
- Windows 2000 Professional or Advanced Server
- Windows XP Home edition or Professional.

Minimal Requirements

- Disk space: 120 MB for installation
- Memory: 64 MB
- CPU: Pentium II 233 or higher
- Required software: Internet Explorer 4.01

Recommended

- Disk space: 300 MB for installation
- Memory: 128 MB
- CPU: Pentium II 400 or higher
- Required software: Internet Explorer 5.5

NOTES:

- For Windows NT 4.0/2000/XP, the system administrator should install the software.
- Windows 95 versions prior to OSR2 are not recommended due to incompatibility with OLE/COM libraries.

Installing Samsung Software

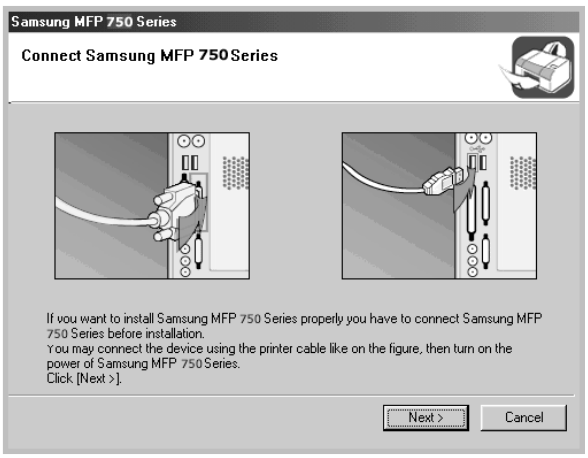
NOTES:
- Cancel the "New Hardware Found" window when your computer boots up.
- Make sure that your machine is turned on and connected to your computer's parallel port or USB port **before installing software**. Windows 95 and Windows NT 4.0 do not support the USB connection.

1 Insert the supplied CD-ROM into your CD-ROM drive.

The CD-ROM should automatically run and an installation window appears.

If the installation window does not appear, click **Start** and then **Run**. Type **X:\Setup.exe**, replacing "**X**" with the letter of your drive and click **OK**.

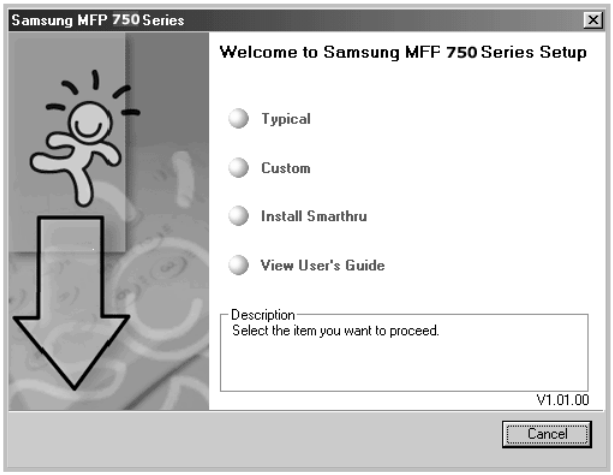
2 When the following window opens, connect your machine to the computer and turn the machine on. Then click **Next**.


Samsung MFP 750 Series
Connect Samsung MFP 750 Series
If you want to install Samsung MFP 750 Series properly you have to connect Samsung MFP 750 Series before installation.
You may connect the device using the printer cable like on the figure, then turn on the power of Samsung MFP 750 Series.
Click [Next >].
Next >
Cancel

If the machine is already connected and turned on, this screen does not appear. Skip to the next step.

NOTE: If you click **Next** and the machine is not connected to the computer, an alert message window appears. After connecting the machine and turning it on, click **Yes**. Or, if you want to install the software without the machine, click **No**.

3 Choose the installation type.



- **Typical**: Installs the common software for your printer, such as printer driver, Twain driver, Remote Control Panel. This is recommend for most users.
- **Custom**: Allows you to choose the language of the software and the components you want to install. After selecting the language and the component(s), click **Next**.

- **Install SmarThru**: Installs the SmarThru program. If you select to install SmarThru on this screen, follow from step 3 on page 1.24.
- **View User's Guide**: Allows you to view this User's Guide or SmarThru User's Guide. If your computer doesn't have Adobe Acrobat, click on this option and it will automatically install Adobe Acrobat for you.

4 After the installation is finished, the window asking you to print a test page appears. If you choose to print a test page, select the check box and click **Next**.

Otherwise, Skip to step 6.

5 When the test page prints out correctly, click **Yes**.

If not, click **No** to reprint it.

6 To register yourself as a user of Samsung Printers, select the check box and click **Finish**. You are now accessed to the Samsung web site.

Otherwise, just click **Finish**.

Samsung MFP 750 Series
Samsung MFP 750 Series Setup Complete
On-line Registration
You will get the opportunity to receive free newsletters with exclusive tips and promotions. Also you will get more customer care.
Would you like to register for the Samsung Printer Membership?
Yes, I'd like to register it.
Setup has finished installing Samsung MFP 750 Series on your computer.
Finish

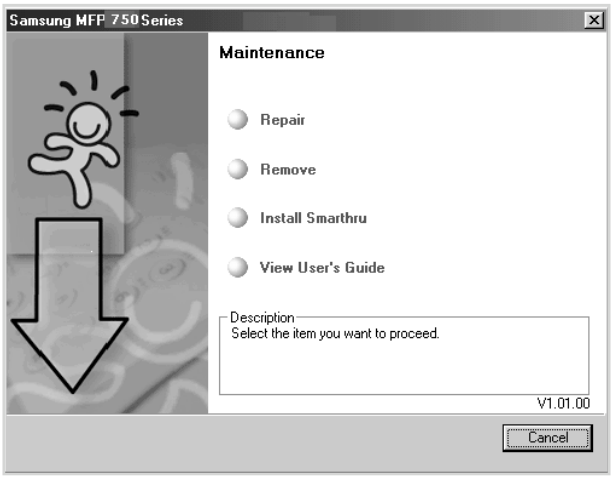
NOTES:

- When you want to use your machine with the parallel cable, remove the USB cable and connect the parallel cable. Then reinstall the printer driver; select **Start** → **Programs** → **Samsung MFP 750 Series** → **Maintenance** → **Repair** → **Printer**. If you have replaced the parallel cable with the USB cable, do the same to reinstall the driver.
- If your printer doesn't work properly, reinstall the printer driver.

Installing Samsung SmarThru

1 Insert the supplied CD-ROM into your CD-ROM drive.

2 Click **Install SmarThru**.

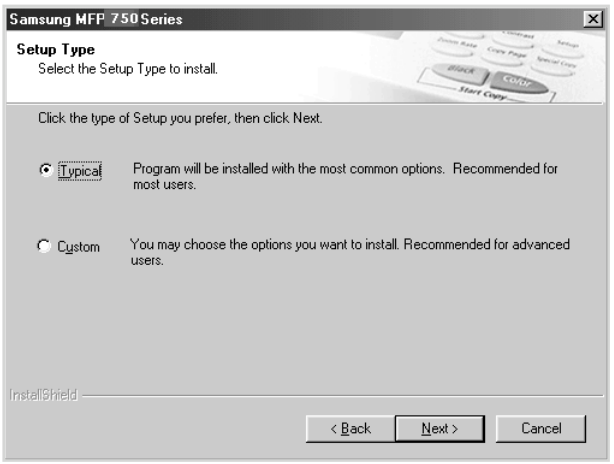


3 Click **Next**.

4 Follow the on-screen instructions and click **Next**.

5 Click **Next**.

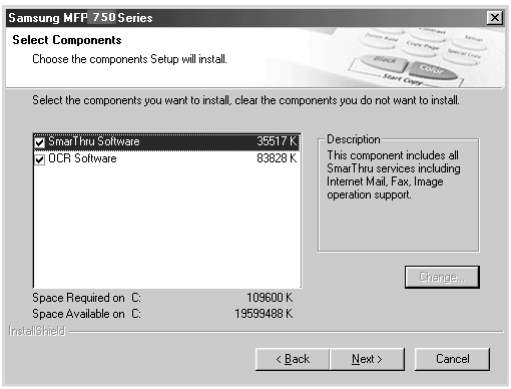
6 Select the installation type and click **Next**.


Samsung MFP 750 Series
Setup Type
Select the Setup Type to install.
Click the type of Setup you prefer, then click Next.
Typical
Program will be installed with the most common options. Recommended for most users.
Custom
You may choose the options you want to install. Recommended for advanced users.
InstallShield
< Back
Next >
Cancel

The software installation supports two types of setup:

- **Typical**: Program will be installed with the most common options and is recommended for most users.
- **Custom**: You may choose the options you want to install.

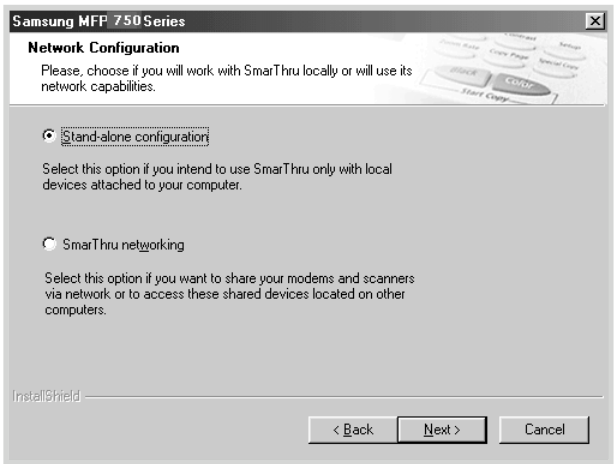
If you select the Custom installation, you may choose the components you want to install.


Samsung MFP 750 Series
Select Components
Choose the components Setup will install.
Select the components you want to install, clear the components you do not want to install.
SmarThru Software 35517 K
OCR Software 83828 K
Description
This component includes all SmarThru services including Internet Mail, Fax, Image operation support.
Change...
Space Required on C: 109600 K
Space Available on C: 19599488 K
InstallShield
< Back
Next >
Cancel

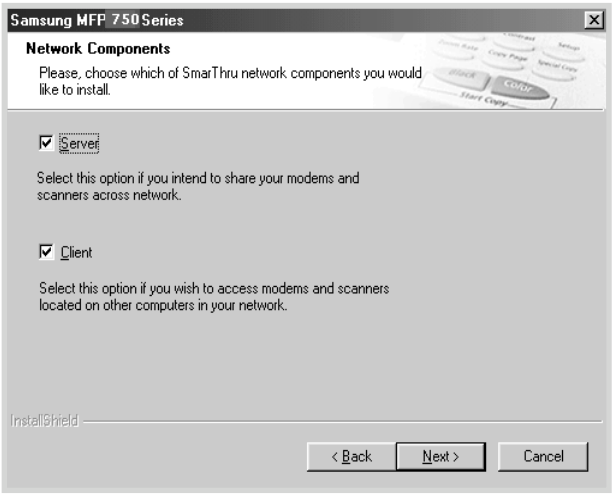
- **SmarThru Software**: to scan and edit images and to work with electronic documents.
- **OCR Software**: AnyPage Lite software to enable OCR.

7 Choosing the **SmarThru networking** option allows you to share the modems on other computer in your network, and the scan device or to access similar devices on other computers.

Stand-alone configuration does not allow you to use any networking features, such as Remote Fax or Remote Scan service.


Samsung MFP 750 Series
Network Configuration
Please, choose if you will work with SmarThru locally or will use its network capabilities.
Stand-alone configuration
Select this option if you intend to use SmarThru only with local devices attached to your computer.
SmarThru networking
Select this option if you want to share your modems and scanners via network or to access these shared devices located on other computers.
InstallShield
< Back
Next >
Cancel

When you select **SmarThru networking**, you can elect to install it as a Server, a Client or both.


Samsung MFP 750 Series
Network Components
Please, choose which of SmarThru network components you would like to install.
Server
Select this option if you intend to share your modems and scanners across network.
Client
Select this option if you wish to access modems and scanners located on other computers in your network.
InstallShield
< Back
Next >
Cancel

The **Server** option allows you to share a local fax modem and/or a scanner over a LAN. You can control sharing by managing a remote service user. The **Client** option allows you to use Remote Fax or Remote Scan services provided by a SmarThru Server over a LAN. You need to have a client account provided by the server. For details about Remote Fax/Scan Services, refer to the SmarThru User's Guide.

8 Follow the on-screen instructions to complete the installation.

9 When the installation is finished, click **Finish**.

Repairing Software

Repairing is required if your installation fails or the software does not work properly. This Repairing procedure does not repair SmarThru software.

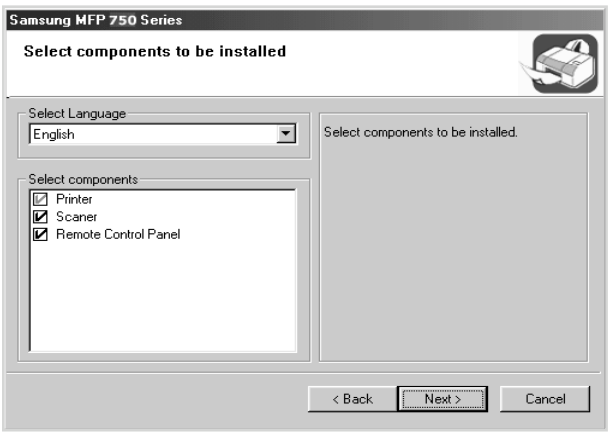
1 You can select **Start** → **Programs** → **Samsung MFP 750 Series** → **Maintenance**.

Otherwise, Insert the supplied CD-ROM into your CD-ROM drive.

2 Click **Repair**.

NOTE: If your machine is not connected to the computer, the Connect Samsung MFP 750 Series window opens. After connecting the machine, click **Next**.

3 Select the components you want to reinstall and click **Next**.



If you choose to repair the printer software, the window asking you to print a test page appears. Do as follows:

a. To print a test page, select the check box and click **Next**.

b. When the test page prints out correctly, click **Yes**. If not, click **No** to reprint it.

4 When the reinstallation is done, click **Finish**.

Removing Software

Uninstall is required if you are upgrading the software or if your installation fails. You can uninstall the item you want using the Windows uninstallShield.

Uninstalling the MFP Driver

1 You can select **Start** → **Programs** → **Samsung MFP 750 Series** → **Maintenance** → **Remove**.

Otherwise, Insert the supplied CD-ROM into your CD-ROM drive.

2 Click **Remove**.

Then you will see a component list so that you can remove any of them individually:

If you want to uninstall the printer driver, check **Printer**.

If you want to uninstall the twain driver, check **Scaner**.

If you want to uninstall the Remote Control Panel, check **Remote Control Panel**.

3 After selecting items you wish to remove, click **Next**.

4 When your computer asks you to confirm your selection, click **Yes**.

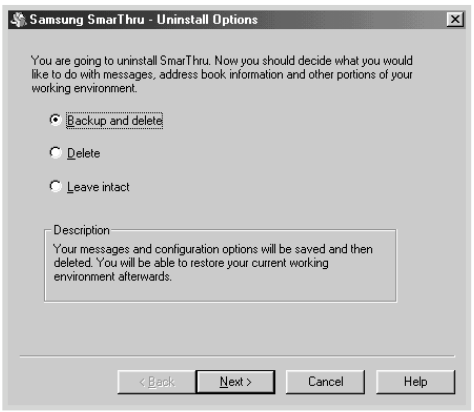
The selected driver and all of its components are removed from your computer.

5 When the uninstallation is done, click **Finish**.

Uninstalling Samsung SmarThru

NOTE: Before beginning uninstallation, ensure that all applications are closed on your computer. A system reboot is required after the software is uninstalled.

1. From the **Start** menu, select **Programs**.
2. Select **Samsung SmarThru**, and then select **SmarThru 3 Uninstall**.
3. When your computer asks you to confirm your selection, click **Ok**. The Uninstall Options window appears.


Samsung SmarThru - Uninstall Options
You are going to uninstall SmarThru. Now you should decide what you would like to do with messages, address book information and other portions of your working environment.
Backup and delete
Delete
Leave intact
Description
Your messages and configuration options will be saved and then deleted. You will be able to restore your current working environment afterwards.
< Back
Next >
Cancel
Help

Uninstall options are:

- **Backup and delete**: Backs up all your data and options to a safe place. It then removes the SmarThru system including the data.
- **Delete**: Deletes all the SmarThru data and options. No backup or copying takes place. Be careful while using this option as you can easily lose your data.
- **Leave intact**: Uninstalls SmarThru software leaving data and options intact. This can be useful, if, for example, you decide to install the Stand Alone configuration over the SmarThru Networking. In this case, uninstall Samsung SmarThru having the **Leave intact** option set and install the SmarThru Stand Alone configuration.

4. After selecting the uninstall option, click **Next**.
5. When the uninstallation is done, the message window recommends restarting your computer. Click **OK**.
6. Click **Finish**.

   When your computer doesn't shut down and restart automatically, you must shut it down manually and restart it before the changes are saved.

Setting Up the Machine System

Changing the Display Language

To change the language that displays on the display of the control panel, follow these steps:

1. Press **Menu** until "Machine Setup" appears on the top line of the display.
2. Press the scroll button (◄ or ►) until "Language" appears on the bottom line of the display.
3. Press **Enter**. The current setting appears on the bottom line of the display.
4. Press the scroll button (◄ or ►) until the language you want appears on the display.
5. Press **Enter** to save the selection.
6. To return to Standby mode, press **Stop/Clear**.

Setting the Machine ID

In some countries, you are required by law to indicate your fax number on any fax you send. The Machine ID, containing your telephone number and name or company name, will be printed at the top of each page sent from your machine.

1 Press **Menu** until "Machine Setup" appears on the top line of the display. The first available menu item, "Machine ID" displays on the bottom line.

2 Press **Enter**. The display asks you to enter the fax number.

If there is a number already set, that number appears.

3 Enter your fax number using the number keypad.

NOTE: If you make a mistake while entering numbers, press the ◄ button to delete the last digit.

4 Press **Enter** when the number on the display is correct. The display asks you to enter the ID.

5 Enter your name or company name using the number keypad.

You can enter alphanumeric characters using the number keypad, and include special symbols by pressing the **0** button.

For details on how to use the number keypad to enter alphanumeric characters, see page 1.32.

If you want to enter the same letter or number in succession (e.g. SS, AA, 777), enter one digit, move the cursor by pressing the ► button and enter the next digit.

If you want to insert a space in the name, you can also use the ► button to move the cursor to skip the position.

6 Press **Enter** when the name on the display is correct.

7 Press **Stop/Clear** to return to Standby mode.

Entering Characters Using the Number Keypad

As you perform various tasks, you may need to enter names and numbers. For example, when you set up your machine, you enter your name or your company's name and telephone number. When you store one or two digit speed dial or group dial numbers, you may also enter the corresponding names.

To enter alphanumeric characters:

1 When you are prompted to enter a letter, locate the button labeled with the character you want. Press the button until the correct letter appears on the display.

For example, to enter the letter **O**, press **6**, labeled with "MNO."

Each time you press **6**, the display shows a different letter, **M**, **N**, **O** and finally **6**.

You can enter special characters, such as space, plus sign and so on. For details, see "Keypad Letters and Numbers" on page 1.33.

2 To enter additional letters, repeat step 1.

If the next letter is printed on the same button, move the cursor by pressing the ► button and then press the button labeled with the letter you want. The cursor moves to the right and the next letter appears on the display.

You can enter a space by pressing the # button.

3 When you finish entering letters, press **Enter**.

Keypad Letters and Numbers

Key	Assigned numbers, letters or characters
1	1 Space
2	A B C 2
3	D E F 3
4	G H I 4
5	J K L 5
6	M N O 6
7	P Q R S 7
8	T U V 8
9	W X Y Z 9
0	+ - , . ' / * # & 0

Changing Numbers or Names

If you make a mistake while entering a number or name, press the ◄ button to delete the last digit or character. Then enter the correct numbers or characters.

Inserting a Pause

With some telephone systems, you must dial an access code (9, for example) and listen for a second dial tone. In such cases, you must insert a pause in the telephone number. You can insert a pause while you are setting up one-touch or speed dial numbers.

To insert a pause, press **Redial/Pause** at the appropriate place while entering the telephone number. A "–" appears on the display at the corresponding location.

Setting the Date and Time

The current date and time are shown on the display when your machine is on and ready to work. All of your faxes will have the date and time printed on them.

NOTE: If power to the machine is cut off, you need to reset the correct time and date once the power is restored.

1 Press **Menu** until "Machine Setup" appears on the top line of the display.

2 Press the scroll button (◄ or ►) to display "Date & Time" on the bottom line and press **Enter**.

3 Enter the correct time and date using the number keypad.

Month	= 01 ~ 12
Day	= 01 ~ 31
Year	= requires all four digits
Hour	= 01 ~ 12 (12-hour mode) 00 ~ 23 (24-hour mode)
Minute	= 00 ~ 59

NOTE: The date format may differ from each country.

You can also use the scroll button (◄ or ►) to move the cursor under the digit you want to correct and enter a new number.

4 To select "AM" or "PM" for 12-hour format, press the * or # button or any number button.

When the cursor is not under the AM or PM indicator, pressing the * or # button immediately moves the cursor to the indicator.

You can change the clock mode to 24-hour format (e.g. 01:00 PM as 13:00). For details, see page 1.35.

5 Press **Enter** when the time and date on the display is correct.

When you enter a wrong number, the machine beeps and does not proceed to the next step. If this happens, simply reenter the correct number.

Changing the Clock Mode

You can set your machine to display the current time using either 12-hour or 24-hour format.

1 Press **Menu** until "Machine Setup" appears on the top line of the display.

2 Press the scroll button (◄ or ►) until you see "Clock Mode" on the bottom line and press **Enter**.

The clock mode currently set for the machine displays.

3 Press the scroll button (◄ or ►) to select the other mode and then press **Enter** to save the selection.

4 To return to Standby mode, press **Stop/Clear**.

Setting the Paper Type and Size

After loading paper in the paper tray (Tray 1), you need to set the paper type and size using the control panel buttons. These settings will apply to Fax and Copy modes. For PC-printing, you need to select the paper type and size in the application program you use.

1 Press **Menu**.

The display shows "Paper Setting" on the top line and the first menu item, "Paper Type," on the bottom line.

2 Press **Enter** to access the menu item.

3 Use the scroll button (◄ or ►) to find the paper type you are using and press **Enter** to save it.

4 Press the ► button to scroll to "Paper Size" and press **Enter** to access the menu item.

5 Press **Enter** when "Tray 1 Size" displays on the bottom line.

6 Use the scroll button (◄ or ►) to find the paper size you are using and press **Enter** to save it.

7 To return to Standby mode, press **Stop/Clear**.

Setting Sounds

You can control the following sounds:

- Ringer: adjusts the ringer volume.
- Key Sound: With this option set to "On," a key tone sounds each time a key is pressed.
- Alarm Sound: turns the alarm sound on or off. With this option set to "On," an alarm tone sounds when an error occurs or fax communication ends.
- Speaker: turns on or off the sounds from the telephone line through the speaker, such as a dial tone or a fax tone. With this option set to "Comm.," the speaker is on until the remote machine answers.

  You can adjust the speaker volume level using the **On Hook Dial** button.

Speaker, Ringer, Key Sound and Alarm Sound

1. Press **Menu** until "Sound/Volume" appears on the top line of the display.

2. Press the scroll button (◄ or ►) to scroll through the options. Press **Enter** when you see the sound option you want.

3. Press the scroll button (◄ or ►) to display the status or loudness you want for the option you have selected.

   For the ringer volume, you can select from "Off", "Low", "Med" and "High". Setting "Off" means that the ringer turns off. The machine works normally even if the ringer is turned off.

4. Press **Enter** to save the selection.

5. If necessary, repeat steps 2 through 4.

6. To return to Standby mode, press **Stop/Clear**.

Speaker Volume

1 Press **On Hook Dial**. A dial tone sounds from the speaker.

2 Press the scroll button (◄ or ►) until you hear the loudness you want. The display shows the current volume level.

3 Press **Stop/Clear** to save the change and return to Standby mode.

Using the Save Modes

Toner Save Mode

Toner Save mode allows your machine to use less toner on each page. Activating this mode extends the life of the toner cartridge longer than normal, but it reduces the print quality.

To turn the toner save mode on or off, press **Toner Save**.

- If the button backlight is on, the mode is active and the machine uses less toner when printing a document.
- If the button backlight is off, the mode is deactivated and the machine prints with the normal quality.

NOTE: For PC-printing, you can also turn toner save mode on or off, in the printer properties. See page 3.9.

Toll Save Mode

Using the **Toll Save** button on the control panel, you can quickly set your machine to send the document(s) stored in the memory during the preset time slot, when the call charge is lowered. This Toll Save mode helps you to take advantage of lower long distance rates at night, for example.

NOTE: The toll-saving time slot may vary depending on your contract with a long distance phone company.

To turn the toll save mode on:

1. Press **Toll Save**. The button backlight turns on.
2. Press **Enter** when "Start Time" displays on the bottom line.
3. Enter the time when your machine starts sending toll save faxes, using the number keypad.

   To select "AM" or "PM" for 12-hour format, press the * or # button or any number button.
4. Press **Enter** when the starting time on the display is correct.
5. Press the scroll button (◄ or ►) to display "End Time" and press **Enter**.
6. Enter the time when the toll save transmission ends, using the number keypad.
7. Press **Enter** to save the setting.
8. To return to Standby Mode, press **Stop/Clear**.

Once Toll Save mode is activated, your machine stores all of the documents to be faxed into the memory and sends them at the programed time.

To turn Toll Save mode off, press **Toll Save** again. The button backlight turns off and the mode is deactivated.

NOTE: Once the toll-saving time is set, the **Toll Save** button allows you to only enable or disable Toll Save mode. To change the time setting, use the Toll Save item in the Advanced Fax menu. See page 6.33.

Power Save Mode

Power Save mode allows your machine to reduce power consumption when it is not in actual use. You can turn this mode on by selecting the length of time for which the machine waits after a job is printed before it switches to a reduced power state.

1. Press **Menu** until "Machine Setup" appears on top line of the display.
2. Press the scroll button (◄ or ►) until "Power Save" appears on the bottom line. Press **Enter**.
3. Press the scroll button (◄ or ►) to display "On" on the bottom line and press **Enter**.

   Selecting "Off" means that Power Save mode turns off.
4. Press the scroll button (◄ or ►) until the time settings you want appears.

   The available options are 5, 10, 15, 30 and 45 (minutes).
5. Press **Enter** to save the selection.
6. To return to Standby mode, press **Stop/Clear**.

MEMO

2 PAPER HANDLING

This chapter introduces you to the basics of selecting print materials and loading them into your machine.

This chapter includes:

- **Selecting Print Materials**
- **Selecting an Output Location**
- **Loading Paper in the Paper Tray**
- **Using the Manual Feeder**

Selecting Print Materials

You can print on a variety of print materials, such as plain paper, envelopes, labels, transparencies and so on. Always use print materials that meet the guidelines for use with this machine. See "Paper Specifications" on page A.9. To get the best possible print quality, use only high-quality copier-grade paper.

When you choose print materials, consider the following:

- Desired outcome: The paper you choose should be appropriate for your project.
- Size: You can use any size paper that fits easily within the paper adjusters of the paper tray.
- Weight: Your machine supports paper weights as follows:
  - 16 ~ 24 lb (60 ~ 90 g/m^2) bond for the standard paper tray (Tray 1) and optional paper tray (Tray 2)
  - 16 ~ 43 lb (60 ~ 163 g/m^2) bond for the manual feeder
- Brightness: Some papers are whiter than others and produce sharper, more vibrant images.
- Surface smoothness: The smoothness of the paper affects how crisp the printing looks on the paper.

CAUTION: Using print materials that dose not conform to the specifications listed on page A.9 may cause problems that may require service. This service is not covered by Samsung's warranty or service agreements.

Type, Input Sources and Capacities

Paper Type	Input Source/Capacity*		
	Tray 1	Optional Tray 2	Manual Feeder
Plain paper	250	250	1
Envelopes	-	-	1
Labels	-	-	1
Transparencies	-	-	1
Card stocks	-	-	1

* Maximum capacity may be reduced depending on the paper thickness.

Guidelines for Paper and Special Materials

When selecting or loading paper, envelopes or other special material, keep these guidelines in mind:

- Always use paper and other materials that conform with the specifications listed under "Paper Specifications" on page .9.
- Attempting to print on damp, curled, wrinkled or torn paper can cause paper jams and the poor print quality.
- Use only high quality copier grade paper for the best print quality.
- Avoid paper with embossed lettering, perforations or a texture that is too smooth or too rough. Paper jams may occur.
- Store paper in its ream wrapper until you are ready to use. Place cartons on pallets or shelves, not on the floor. Do not place heavy objects on top of the paper, whether it is packaged or unpackaged. Keep it away from moisture, or other conditions that can cause it to wrinkle or curl.
- Store unused materials at temperatures between 15 °C and 30 °C (59 °F to 86 °F). The relative humidity should be between 10 % and 70 %.
- During storage, you should use moisture-proof wrap, such as any plastic container or bag, to prevent dust and moisture from contaminating your paper.
- Load special paper types one sheet at a time.
- Only use materials specifically recommended for use in laser printers.
- To prevent special materials, such as transparencies and label sheets from sticking together, remove them as they prints out.
- For envelopes:
  - Use only well-constructed envelopes with sharp, well creased folds.
  - Do not use envelopes with clasps and snaps.
  - Do not use envelopes with windows, coated lining, self-adhesive seals or other synthetic materials.
  - Do not use damaged or poorly made envelopes.
- For transparencies:
  - Place them on a flat surface after removing them from the machine.
  - Do not leave them in the paper tray for long periods of time. Dust and dirt may accumulate on them resulting in spotty printing.

- To avoid smudging caused by fingerprints, handle them carefully.
- To avoid fading, do not expose the printed transparencies to prolonged sunlight.

- For labels:
  - Verify that their adhesive material can tolerate fusing temperature of 200 °C (392° F) for 0.1 second.
  - Make sure that there is no exposed adhesive material between them. Exposed areas can cause labels to peel off during printing, which can cause paper jams. Exposed adhesive can also cause damage to machine components.
  - Do not load a sheet of them through the machine more than once. The adhesive backing is designed for one pass through the machine.
  - Do not use labels that are separating from the backing sheet or are wrinkled, bubbled or otherwise damaged.
- Do not use **Carbonless** paper and **Tracing** paper. They could make smell of chemicals and damage your machine.

Selecting an Output Location

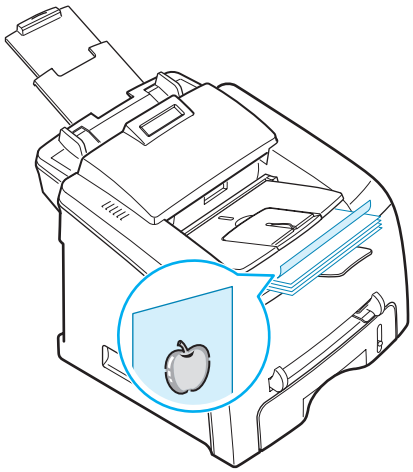
The machine has two output locations; the rear output slot (face up) and the front output tray (face down).

To use the front output tray, make sure that the rear cover is closed. To use the rear output slot, open the rear cover.

NOTES:
- If paper coming out of the front output tray has problems, such as excessive curl, try printing to the rear output slot.
- To avoid paper jams, do not open or close the rear cover while the machine is printing.

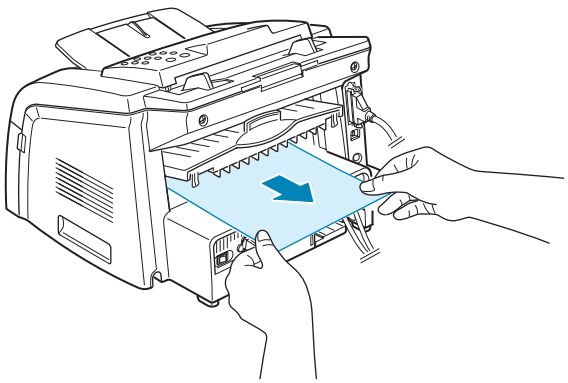
Printing to the Front Output Tray *(Face down)*

The front output tray collects printed paper face-down in correct order. The tray should be used for most print jobs.



Printing to the Rear Output Slot *(Face up)*

Using the rear output slot, paper comes out of the machine face up.

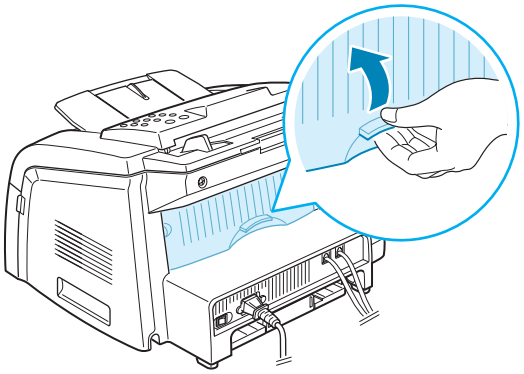


Printing from the manual feeder to the rear output slot provides the **straight paper path**. Using the rear output slot might improve the output quality with the following:

- envelopes
- labels
- small custom-sized paper
- postcards
- transparencies

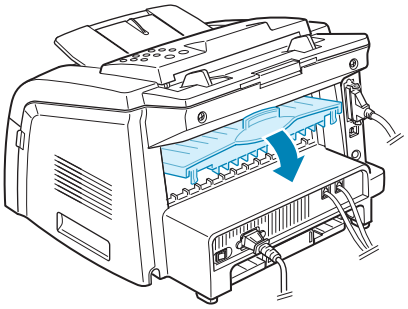
To use the rear output slot:

1 Open the rear cover by pulling it upward.



CAUTION: The fusing area inside the rear part of your machine becomes hot once powered. Be careful when you access this area.

2 If you do not want to use the rear output slot, close the rear cover. The pages stack on the front output tray.

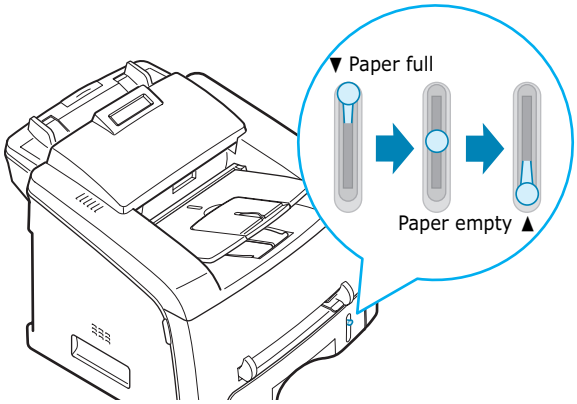


Loading Paper in the Paper Tray

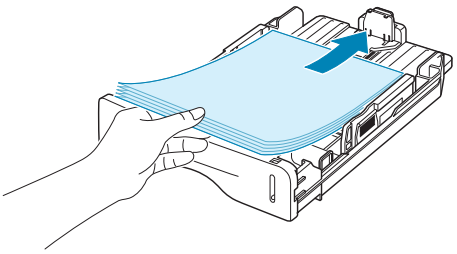
The paper tray (Tray 1) can hold a maximum of 250 sheets of 20 lb (75g/m^2)plain paper. For faxing and copying, you can use A4-, Letter- or Legal-sized paper only. For PC-printing, you can use many different sizes of paper; see page A.9.

You can purchase an optional paper tray (Tray 2) and attach it below the standard paper tray to load an additional 250 sheets of paper. See page A.2 for more information about installing the optional Tray 2.

The paper level indicator on the front of the paper tray shows the amount of paper currently left in the tray. When the tray is empty, the indicator of the bar is lowered.



To load paper, pull open the paper tray and load paper with the print side face down.



You can load letterhead paper with the design side face down. The top edge of the sheet with the logo should be placed at the front side of the tray.

For details about loading paper in the paper tray, see "Loading Paper" on page 1.11.

NOTES:

- If you experience problems with paper feed, place the paper in the manual feeder.
- You can load up to 150 sheets of previously printed paper. The printed side should be facing up with an uncurled edge at the top side. If you experience problems with paper feed, turn the paper around. Note that the print quality is not guaranteed.

Using the Manual Feeder

Use the manual feeder to print transparencies, labels, envelopes or postcards in addition to making quick runs of paper types or sizes that are not currently loaded in the paper tray.

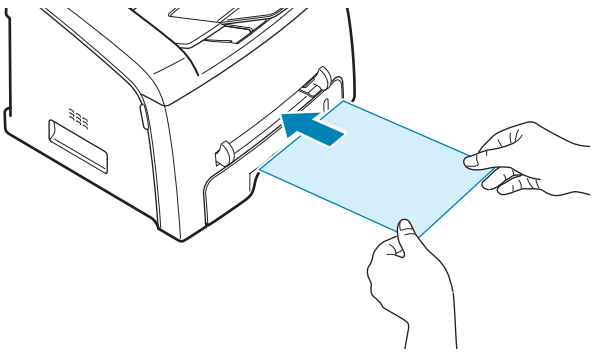
Postcards, 3.5 by 5.83 in.(index) cards and other custom-sized materials can be printed with this printer. The minimum size is 76 by 127 mm (3 by 5 in.) and the maximum size is 216 by 356 mm (8.5 by 14 in.)

Acceptable print materials are plain paper with sizes ranging from 100 x 148 mm (3.9 x 5.8 in.) to Legal, 216 x 356 mm (8.5 x 14 in.), the largest size acceptable, and weighing between 16 lb and 32 lb.

NOTES:

- Always load only the print materials specified in the Specifications on page A.9 to avoid paper jams and print quality problems.
- Flatten any curl on postcards, envelopes and labels before loading them into the manual feeder.
- When you print on 76 mm X 127 mm (3 X 5 in.) sized media, you must open the rear output tray.

1 Load a sheet of the print material with the print side face up into the center of the manual feeder.

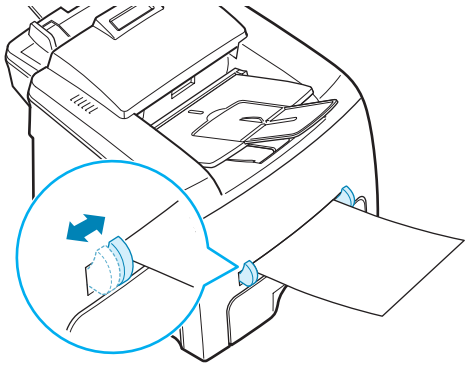


For envelopes, load a sheet with the flap side face down and with the stamp area on the top left side.

For transparencies, hold them by the edges and avoid touching the print side. Oils from your fingers can cause print quality problems.

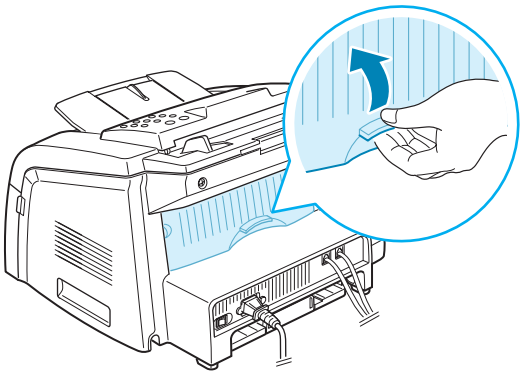
CAUTION: You must open the rear output slot when you print on transparencies. If not, they may tear while exiting the machine.

2 Adjust the paper guide to the width of the print material.



NOTE: When printing on previously printed paper from the manual feeder, the printed side should be facing down with an uncurled edge to the machine. If you experience problems with paper feed, turn the paper around.

3 Open the rear cover to use the rear output slot.



4 After printing, close the rear cover.

Setting the Paper Type and Size for the Manual Feeder

After loading paper in the manual feeder, you need to set the correct paper type and size using the control panel buttons. These settings will apply to Copy mode. For PC-printing, you need to select the paper size in the application program you use.

To set the paper size for the manual feeder:

1. Press **Menu**.

   The display shows "Paper Setting" on the top line and the first item, "Paper Type," on the bottom line.

2. Press **Enter** to access the menu item.

3. Use the scroll button (◄ or ►) to find the paper type you are using and press **Enter** to save it.

4. Press the ► button to scroll to "Paper Size" and press **Enter** to access the menu item.

5. Use the scroll button (◄ or ►) to display "Manual Feed" on the bottom line. Press **Enter** to access the menu item.

6. Use the scroll button (◄ or ►) to find the paper size you are using and press **Enter** to save it.

7. To return to Standby mode, press **Stop/Clear**.

3 PRINTING

This chapter explains how to print your documents in Windows and how to use the print settings.

This chapter includes:

- **Printing a Document in Windows**
- **Setting Paper Properties**
- **Setting Graphic Properties**
- **Printing Multiple Pages on One Sheet of the Paper**
- **Printing a Reduced or Enlarged Document**
- **Fitting Your Document to a Selected Paper Size**
- **Printing Posters**
- **Using Watermarks**
- **Using Overlays**
- **Setting Up the Locally Shared Printer**

Printing a Document in Windows

The following procedure describes the general steps required for printing from various Windows applications. The exact steps for printing a document may vary depending on the application program you are using. Refer to your software application's user's guide for the exact printing procedure.

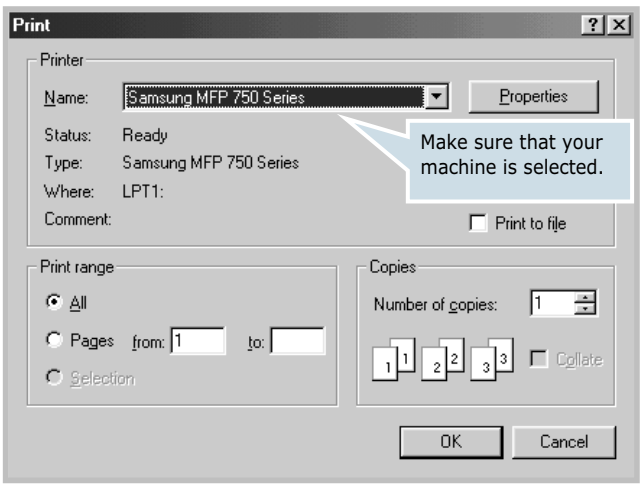
NOTE: For detailed information about printing from Macintosh or Linux, see Chapter 7, Using Other Operating Systems.

1 Open the document you want to print.

2 Select **Print** from the **File** menu.

The Print window opens. It may look slightly different depending on your application.

You can select the basic print settings within the Print window. These settings include the number of copies and the print range.



▲ Windows 98

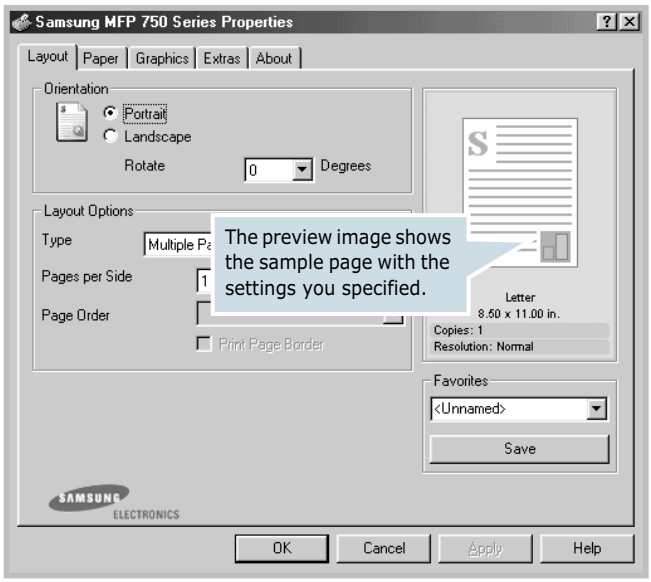
3 To take advantage of the printer features provided by your machine, click **Properties** or **Preferences** in the application's print window and go to step 4.

If you see a **Setup**, **Printer** or **Options** button, click it instead. Then click **Properties** on the next screen.

4 Now you see the Samsung MFP 750 Series Properties window, which allows you to access all of information you need when using your machine.

The printer's Properties window may differ, depending on your operating system. This User's Guide shows the Properties window on Windows 98.

The **Layout** tab first displays.



If necessary, select the **Orientation** option.

The **Orientation** option allows you to select the direction in which information is printed on a page.

- **Portrait** prints across the width of the page, letter style.
- **Landscape** prints across the length of the page, spreadsheet style.
- If you want to turn the page upside down, select **180** from the **Rotate** drop-down list.

▲ Landscape

▲ Portrait

5 From the **Paper** tab, select the paper source, size and type. For further details, see page 3.7.

6 If necessary, you can set the sequence for the pages to print from the **Extra** tab. Select the print order you want to use from the **Print Order** drop-down list.

- **Normal**: Your machine prints from the first page to the last page.
- **Reverse All Pages**: Your machine prints from the last page to the first page.
- **Print Odd Pages**: Your machine prints only the odd pages of the document.
- **Print Even Pages**: Your machine prints only the even pages of the document.

7 Click other tabs on the top of the Samsung MFP 750 Series Properties window to access other features, if needed.

8 When you finish setting the properties, click **OK** until the Print window displays.

9 Click **OK** to start printing.

Notes:

- Most Windows applications overrides the settings you specified in the printer driver. Change all of the print settings available in the software application first, and change any remaining settings using the printer driver.
- The settings you change remain in effect only while you are using the current program. To make your changes permanent, make them in the **Printers** folder. Follow these steps:
  1. Click the Windows **Start** menu.
  2. For Windows 95/98/Me/NT 4.0/2000, select **Settings** and then **Printers**.
     For Windows XP, select **Printers and Faxes**.
  3. Select the **Samsung MFP 750 Series** printer.
  4. Click the right mouse button on the printer icon and:
     - For Window 95/98/Me, select **Properties**.
     - For Windows 2000/XP, select **Printing Preferences**.
     - For Windows NT 4.0, select **Document Default**.
  5. Change the settings on each tab and click **OK**.

Canceling a Print Job

There are two ways to cancel a print job:

To stop a print job from the control panel:

Press the **Stop/Clear** button.

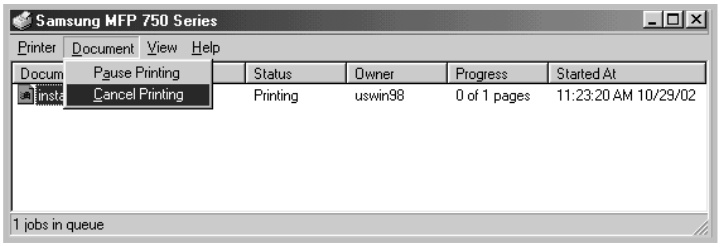
Your machine finishes printing the page that is moving through the machine and deletes the rest of the print job. Pressing the button cancels only the current job. If more than one print job is in the machine's memory, you need to press the button once for each job.

To stop a print job from the Printers folder:

If the print job is waiting in a print queue or print spooler, such as the Printer group in Windows, delete the job as follows:

1. Click the Windows **Start** menu.
2. For Windows 9x/NT4.0/Me/2000, select **Settings** and then **Printers**.

   For Windows XP, select **Printers and Faxes**.
3. Double-click the **Samsung MFP 750 Series** icon.
4. From the **Document** menu:
   - For Windows 9x/Me, select **Cancel Printing**.
   - For Windows NT 4.0/2000/XP, select **Cancel**.



▲ Windows 98

NOTE: You can access this window simply by double-clicking the printer icon at the bottom right corner of the Windows desktop.

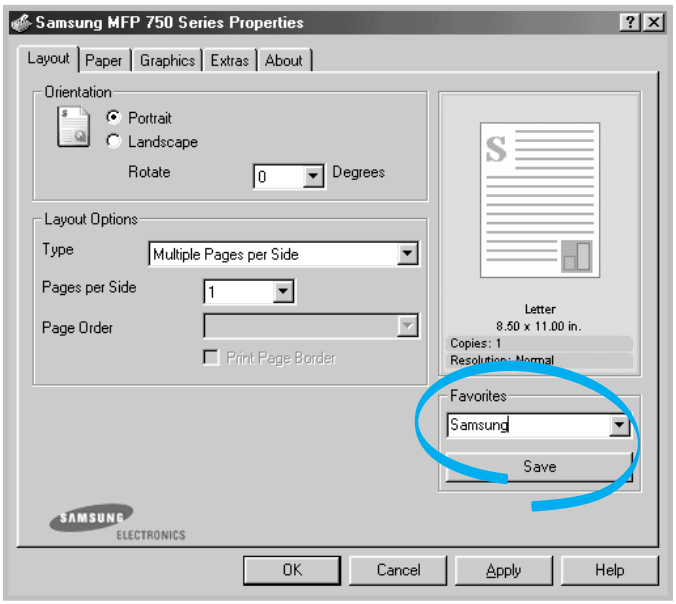
Using a Favorite Setting

The **Favorites** option, which is visible on each tab, allows you to save the current properties settings for future use.

To save a Favorites item:

1 Change the settings on each tab, as needed.

2 Enter a name for the item in the **Favorites** input box.



3 Click **Save**.

To use a saved setting, select it from the **Favorites** drop-down list.

To delete a favorite setting item, select it from the list and click **Delete**.

You can also restore the printer driver's default settings by selecting **<Printer Default>** from the list.

Using Help

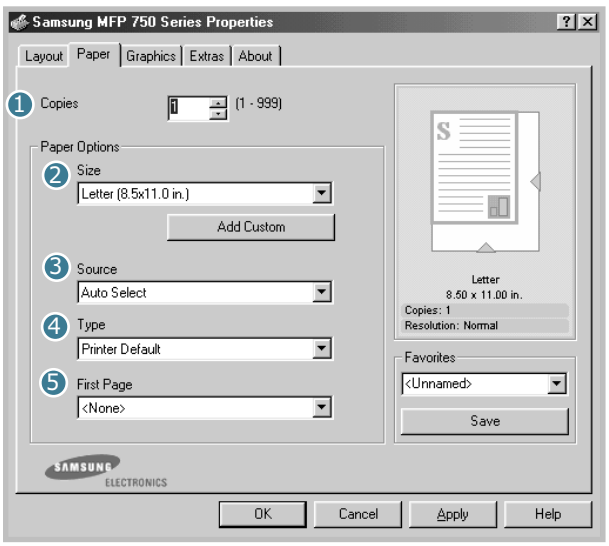
Your machine has a help screen that can be activated using the **Help** button in the printer's Properties window. The help screen gives you detailed information about the printer features provided by the printer driver.

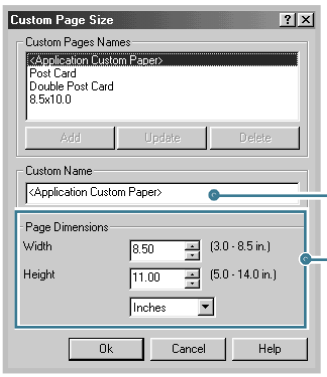
You can also click ? in the upper right hand corner, and then click on any setting.

Setting Paper Properties

Use the following options for paper handling. See page 3.2 for more information about accessing printer's Properties.

Click the **Paper** tab to access many paper properties.



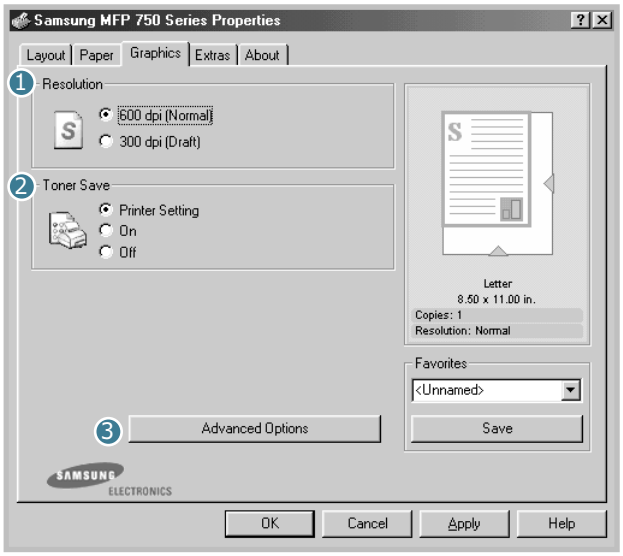
Property	Description
❶ **Copies**	**Copies** allows you to choose the number of copies to be printed. You can enter up to 999.
❷ **Size**	**Size** allows you to choose the size of the paper loaded in the tray. If the size you want is not listed in the Size box, click **Add Custom**. When the Custom Page Size window appears, set the size and click **Ok**. The setting appears on the list so that you can select it. 

Property	Description
❸ **Source**	Make sure that **Source** is set to the corresponding paper tray. Use the **Manual Feed** source when printing to special material. You need to load one sheet at a time into the manual feeder. See page 2.8. If you installed an optional Tray 2 and set the Tray 2 in the Printer's properties (see page A.4), you can select **Tray 2**. If the paper source is set to **Auto Select**, the machine automatically picks up print material in the following order: the manual feeder, Tray 1, then Tray 2.
❹ **Type**	Make sure that **Type** is set to **Printer Default**. If you load a different type of print material, select the corresponding paper type. For more information about print materials, see Chapter 2, Paper Handling. If you use cotton paper, set the paper type to **Thick** for the best printing. To use recycled paper, which weighs from 75g/m^2 to 90g/m^2 (20lb to 24lb), or colored paper, select **Color Paper**.
❺ **First Page**	This property allows you to print the first page using a different paper type from the rest of the document. You can select the paper source for the first page. For example, load thick stock for the first page into the manual feeder and plain paper into Tray 1. Then, select **1** in the **Source** option and **Manual Feed** in the **First Page** option.

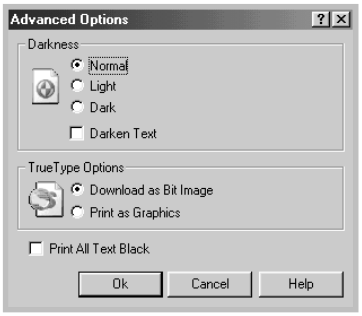
Setting Graphic Properties

Use the following graphic options to adjust the print quality for your specific printing needs. See page 3.2 for more information about accessing printer properties.

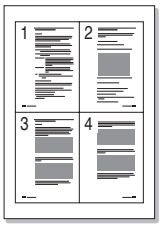
Click the **Graphics** tab to display the properties shown below.



Property	Description
❶ **Resolution**	You can select the printing resolution by choosing from **600 dpi (Normal)** or **300 dpi (Draft)**. The higher the setting, the sharper the printed characters and graphics. Higher settings may increase the time it takes to print a document.
❷ **Toner Save**	Selecting this option extends the life of your toner cartridge and reduces your cost per page without a significant reduction in the print quality. • **Printer Setting**: When you select this option, the Toner Save feature is determined by the setting you've made on the control panel of the machine. • **On**: Select this option to allow the machine to use less toner on each page. • **Off**: When you do not need to save toner to print a document, select this option.

Property	Description
❸ **Advanced Options**	You can make advanced settings by clicking the **Advanced Options** button. 
	Darkness Use this option to lighten or darken the image appearance in your print. • **Normal**: This setting is for normal documents. • **Light**: This setting is for bolder line widths or darker grayscale images. • **Dark**: This setting is for finer line width, higher definition in graphics and lighter grayscale images. When the **Darken Text** option is checked, all text in your document prints darker than normal.
	True Type Options This option determines what the driver tells the machine about how to image the text in your document. Select the appropriate setting according to the status of your document. • **Download as Bit Image**: When this option is selected, the driver downloads the font data as bitmap images. Documents with complicated fonts, such as Korean or Chinese, or various types of fonts print faster in this setting. • **Print as Graphics**: When this option is selected, the driver downloads any fonts as graphics. When printing documents with high graphic content and relatively few TrueType fonts, printing performance (speed) may be enhanced in this setting.
	Print All Text Black When the **Print All Text Black** option is checked, all text in your document prints in solid black, regardless of the color it appears on the screen. When it is not checked, colored text prints in shades of gray.

Printing Multiple Pages on One Sheet of the Paper

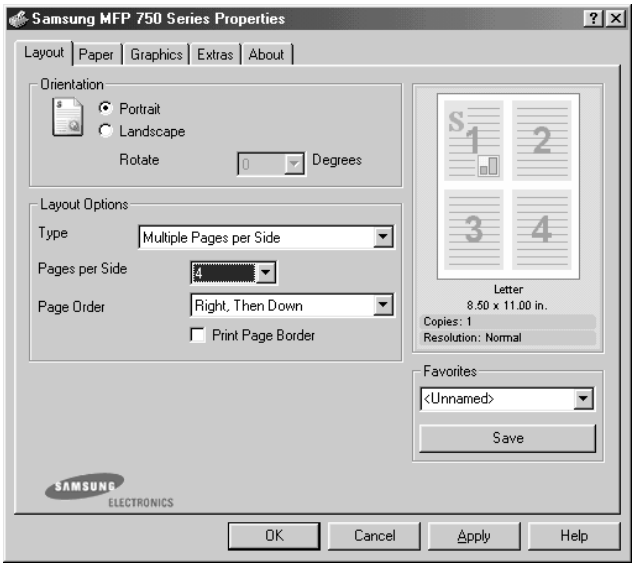


You can select the number of pages to print on a single sheet of paper. To print more than one page per sheet, the pages are smaller and arranged in the order you specified on the sheet. You can print up to 16 pages on one sheet.

1. To change the print settings from your software application, access the printer's Properties. See page 3.2.

2. From the **Layout** tab, choose **Multiple Pages per Side** from the **Type** drop-down list.

3. Select the number of pages you want to print per sheet (1, 2, 4, 9 or 16) on the **Pages per Side** drop-down list.



4. Select the page order on the **Page Order** drop-down list, if necessary.

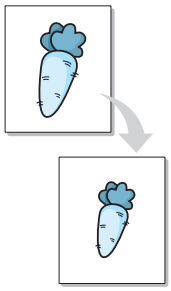
   Check **Print Page Border** to print a border around each page on the sheet.

NOTE: **Page Order** and **Print Page Border** are enabled only when the number of pages per side is 2, 4, 9 or 16.

5 Click the **Paper** tab and select the paper source, size and type.

6 Click **OK** and print the document.

Printing a Reduced or Enlarged Document



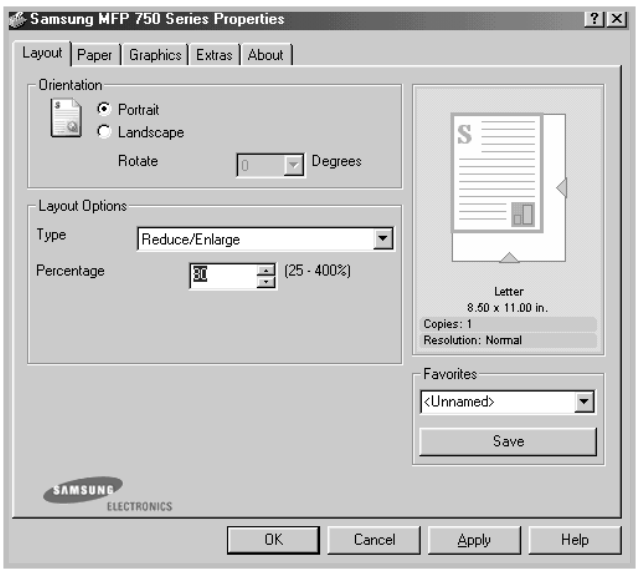
You can scale your print job on a page.

1 When you change the print settings from your software application, access the printer's Properties. See page 3.2.

2 From the **Layout** tab, select **Reduce/Enlarge** on the **Type** drop-down list.

3 Enter the scaling rate in the **Percentage** input box.

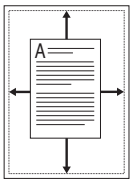
You can also click the ▲ or ▼ button.



4 Click the **Paper** tab and select the paper source, size and type.

5 Click **OK** and print the document.

Fitting Your Document to a Selected Paper Size

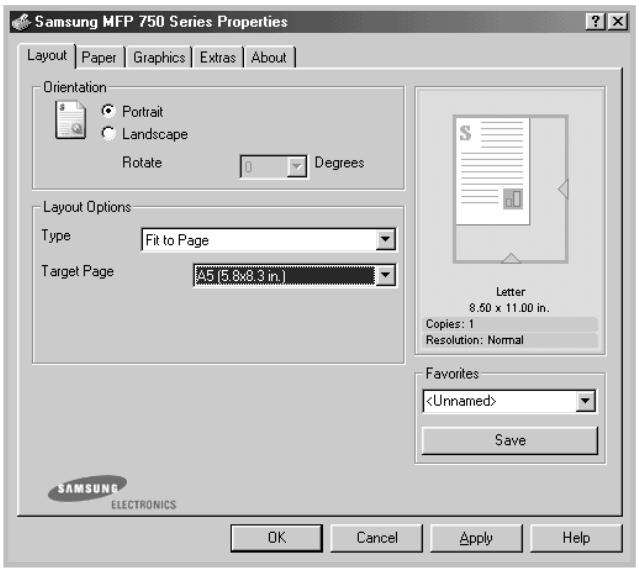


You can scale your print job to any paper size regardless of the digital document size. This can be useful when you want to check the fine details on a small document.

1. When you change the print settings from your software application, access the printer's Properties. See page 3.2.

2. From the **Layout** tab, select **Fit to Page** on the **Type** drop-down list.

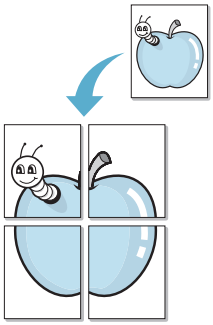
3. Select the correct size from the **Target Page** drop-down list.



4. Click the **Paper** tab and select the paper source and type.

5. Click **OK** and print the document.

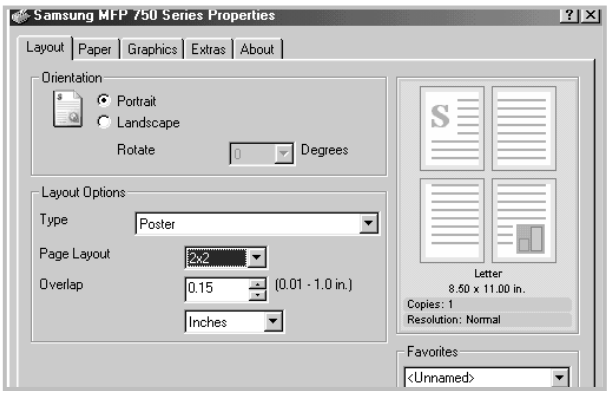
Printing Posters



You can print a single-page document onto 4, 9 or 16 sheets of paper, for the purpose of pasting the sheets together to form one poster-sized document.

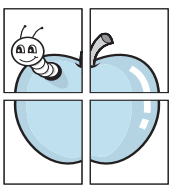
1 When you change the print settings from your software application, access the printer's Properties. See page 3.2.

2 From the **Layout** tab, select **Poster** on the **Type** drop-down list.

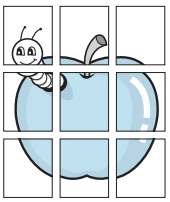


3 Configure the poster option:

You can select the page layout from **2x2**, **3x3** or **4x4**. If you select **2x2**, the image is automatically stretched to cover 4 physical pages.

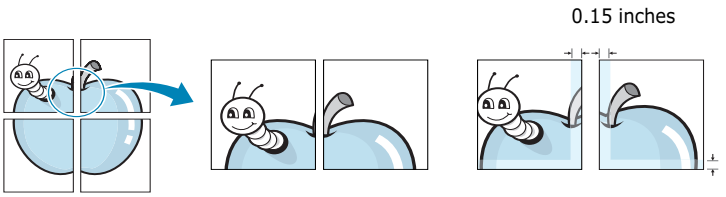


▲ 2 x 2



▲ 3 x 3

Specify an overlap in millimeters or inches to make it easier to reconstruct the resulting poster.



4 Click the **Paper** tab and select the paper source, size and type.

5 Click **OK** and print the document. You can complete the poster by posting the sheets together.

Using Watermarks

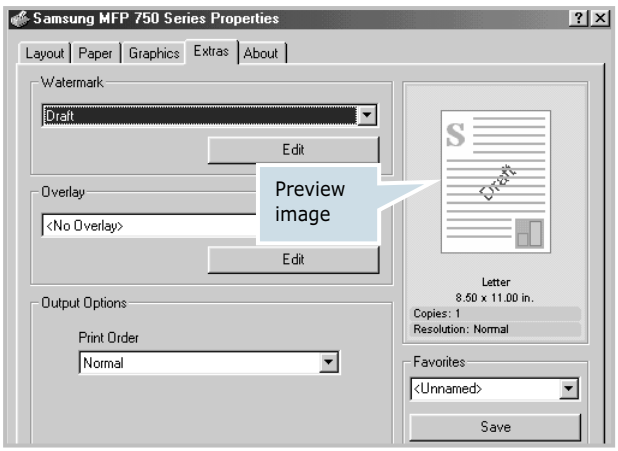
The Watermark option allows you to print text over an existing document. For example, you may want to have large gray letters reading "DRAFT" or "CONFIDENTIAL" printed diagonally across the first page or all of the pages of a document.

There are several predefined watermarks that come with your machine, and they can be modified or you can add new ones to the list.

Using an Existing Watermark

1 When you change the print settings from your software application, access the printer's Properties. See page 3.2.

2 Click the **Extras** tab and select a watermark on the **Watermark** drop-down list. It appears in the preview image window.

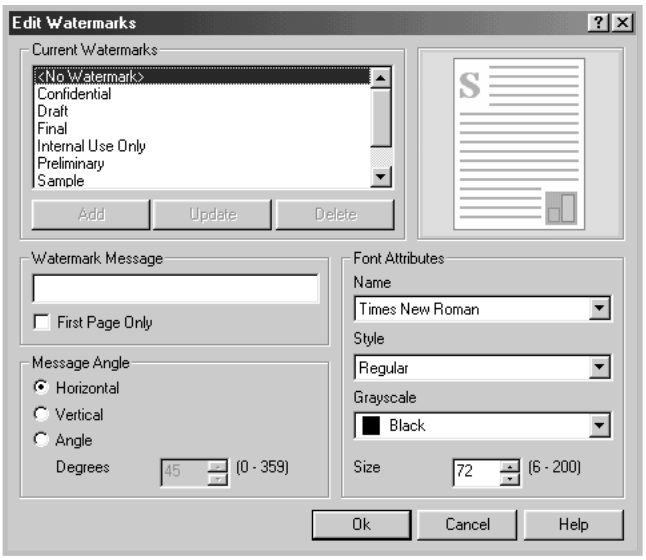


3 Click **Ok** and start printing.

Creating a Watermark

1 When you change the print settings from your software application, access the printer's Properties. See page 3.2.

2 Click the **Extras** tab and click **Edit** in the **Watermark** section. The Edit Watermarks window appears.



3 Enter text message you want to print in the **Watermark Message** box.

The message displays in the preview image window.

When the **First Page Only** box is checked, the watermark prints on the first page only.

4 Select the watermark options.

You can select the font name, style and size and gray scale level from the **Font Attributes** section and set the angle of the watermark from the **Message Angle** section.

5 Click **Add** to add a new watermark to the list.

6 When you finish creating, click **Ok** and start printing.

To stop printing the watermark, select **<No Watermark>** on the **Watermark** drop-down list.

Editing a Watermark

1. When you change the print settings from your software application, access the printer properties. See page 3.2.

2. Click the **Extras** tab and click **Edit** in the **Watermark** section. The Edit Watermarks window appears.

3. Select the watermark you want to edit on the **Current Watermarks** list, to change the watermark message and the options. Refer to page 3.16.

4. Click **Update** to save the changes.

5. Click **Ok**.

Deleting a Watermark

1. When you change the print settings from your software application, access the printer's Properties. See page 3.2.

2. From the **Extras** tab, click **Edit** in the **Watermark** section. The Edit Watermarks window appears.

3. Select the watermark you want to delete on the **Current Watermarks** list and click **Delete**.

4. When a confirming message window appears, click **Yes**.

5. Click **Ok**.

Using Overlays

What is an Overlay?

An overlay is text and/or images stored on the computer hard disk drive (HDD) as a special file format that can be printed on any document. Overlays are often used to take the place of preprinted forms and letterhead paper. Rather than using preprinted letterhead, you can create an overlay containing the exact same information that is currently on your letterhead. To print a letter with your company's letterhead, you need only tell the machine to print the letterhead overlay on your document.

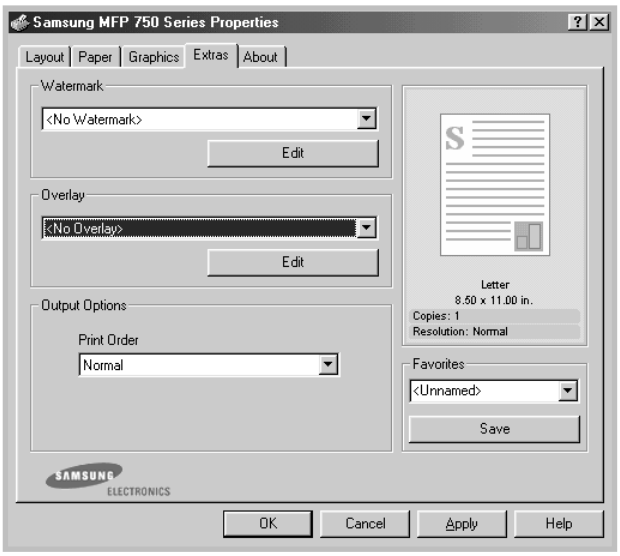
Creating a New Page Overlay

To use a page overlay, you must create a new page overlay containing your logo or image.

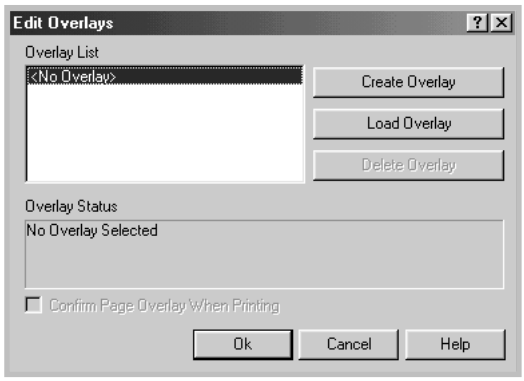
1. Create or open a document containing text or an image for use in a new page overlay. Position the items exactly as you wish them to appear when printed as an overlay. If needed, save the file for later use.

2. When you change the print settings from your software application, access the printer's Properties. See page 3.2.

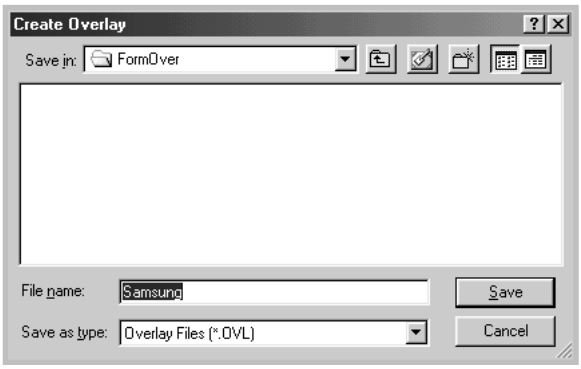
3. Click the **Extras** tab and click **Edit** in the **Overlay** section.



4 In the Edit Overlays window, click **Create Overlay**.



5 In the Create Overlay window, type a name of up to eight characters in the **File name** box. Select the destination path, if necessary. (The default is C:\FormOver).



6 Click **Save**. The name appears on the Overlay List.

7 Click **Ok** or **Yes** to finish creating.

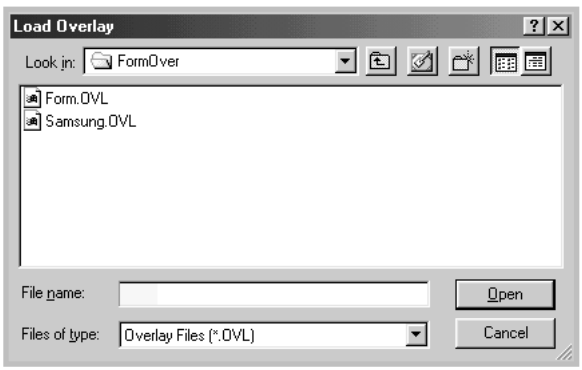
The file is not printed out. Instead it is stored in your computer HDD disk.

NOTE: The overlay document size must be the same as the documents you print with the overlay. Do not create an overlay with a watermark.

Using a Page Overlay

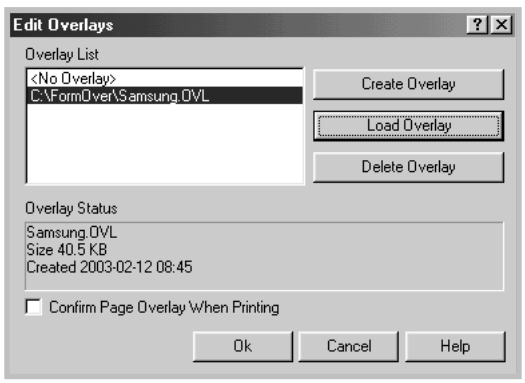
After an overlay has been created, it is ready to be printed with your document. To print an overlay with a document:

1. Create or open the document you want to print.
2. When you change the print settings from your software application, access the printer's Properties. See page 3.2.
3. Click the **Extras** tab.
4. Select the overlay you want to print from the **Overlay** drop-down list box.
5. When the overlay file you want doesn't appear on the Overlay List, click **Edit** and **Load Overlay**, and select the overlay file.



If you have stored the overlay file you want to use in an external source, you can also load the file when you access this Load Overlay window.

After you select the file, click **Open**. The file appears on the Overlay List and is available for printing. Select the overlay from the **Overlay List** box.



6 If necessary, click **Confirm Page Overlay When Printing**. When this box is checked, a message window appears each time you submit a document for printing, asking you to confirm your wish to print an overlay on your document.

Answering **Yes** to the window means that the selected overlay prints with your document. Answering **No** to the window cancels overlay printing.

If this box is empty and an overlay has been selected, the overlay will be automatically printed with your document.

7 Click **OK** or **Yes** until the printing starts.

The overlay downloads with your print job and prints on your document.

NOTE: The resolution of the overlay document must be the same as that of the document you will print with the overlay.

Deleting a Page Overlay

You can delete page overlays that you no longer use.

1 In the printer's properties window, click the **Extras** tab.

2 Click **Edit** in the Overlay section.

3 Select the overlay you want to delete from the Overlay List box.

4 Click **Delete Overlay**.

5 When a confirming message window appears, click **Yes**.

6 Click **OK** until you exit the Print window.

Setting Up the Locally Shared Printer

You can connect the machine directly to a selected computer, which is called "host computer," on the network. Your machine can be shared by other users on the network through a Windows 9x, Me, 2000, XP or NT 4.0 network printer connection.

NOTE:Whether the printer is locally connected or network-connected, you need to install the printer software on each computer that will print documents to the printer.

In Windows 9x/Me

Setting Up the Host Computer

1. Start Windows.
2. From the **Start** menu, select **Control Panel** and double-click on the **Network** icon.
3. Check the **File and Print Sharing** box and click **OK**.
4. Click **Start** and select **Printers** from **Settings**. Double-click your printer icon.
5. Select **Properties** in the **Printer** menu.
6. Click the **Sharing** tab and check the **Shared As** box. Fill in the **Share Name** field and then click **OK**.

Setting Up the Client Computer

1. Right-click **Start** and select **Explorer**.
2. Open your network folder in the left column.
3. Right-click the shared name and select **Capture Printer Port**.
4. Select the port you want, check the **Reconnect at log on** box and then click **OK**.
5. From the **Start** menu, select **Settings** and then **Printers**.
6. Double-click your printer icon.
7. From the **Printer** menu, select **Properties**.
8. From the **Details** tab, select the printer port and click **OK**.

In Windows NT 4.0/2000/XP

Setting Up the Host Computer

1. Start Windows.
2. For Windows NT 4.0/2000, from the **Start** menu, select **Settings** and then **Printers**.

   For Windows XP, from the **Start** menu, select **Printers and Faxes**.
3. Double-click your printer icon.
4. From the **Printer** menu, select **Sharing**.
5. For Windows NT 4.0, check the **Shared** box.

   For Windows 2000, check the **Shared As** box.

   For Windows XP, check the **Share this printer** box.
6. For Windows NT 4.0, fill in the **Share Name** field and click **OK**.

   For Windows 2000/XP, fill in the **Shared Name** field and click **OK**.

Setting Up the Client Computer

1. Right-click **Start** and select **Explorer**.
2. Open your network folder in the left column.
3. Click the shared name.
4. For Windows NT 4.0/2000, from the **Start** menu, select **Settings** and **Printers**.

   For Windows XP, from the **Start** menu, select **Printers and Faxes**.
5. Double-click your printer icon.
6. From the **Printer** menu, select **Properties**.
7. Press the **Ports** tab and click **Add Port**.
8. Select **Local Port** and click **New Port**.
9. Fill in the **Enter a port name** field and enter the shared name.
10. Click **OK** and click **Close**.
11. For Windows NT 4.0, click **OK**.

    For Windows 2000/XP, click **Apply** and click **OK**.

4 COPYING

This chapter gives you step-by-step instructions for copying documents.

This chapter includes:

- **Loading Paper for Copying**
- **Preparing a Document**
- **Making a Copy**
- **Setting Copy Options**
- **Changing the Default Settings**
- **Setting the Time Out Option**
- **Collation Copying**

Loading Paper for Copying

The instructions for loading print materials are the same whether you are printing, faxing or copying. For coping, you can use Letter-, A4-, Legal-sized print materials. For further details, see page 1.11 for loading in the paper tray and page 2.8 for loading in the manual feeder.

Preparing a Document

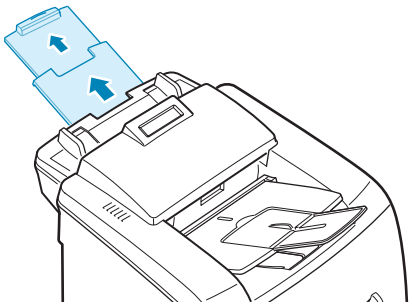
Using the ADF (Automatic Document Feeder), you can load up to 50 documents for one job.

When you use the ADF:

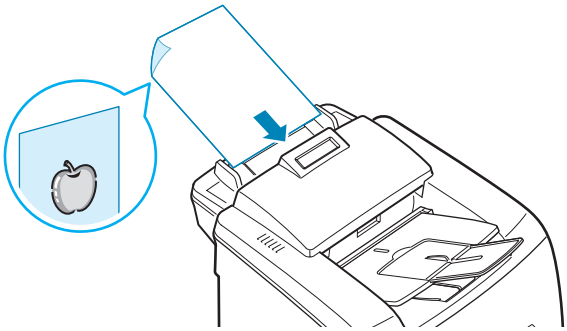
- Do not load documents smaller than 142 x 148 mm or larger than 216 x 356 mm.
- Do not attempt to feed the following types of documents:
  - carbon-paper or carbon-backed paper
  - coated paper
  - onion skin or thin paper
  - wrinkled or creased paper
  - curled or rolled paper
  - torn paper
- Remove all staples and paper clips before loading documents.
- Make sure any glue, ink or correction fluid on the paper is completely dry before loading documents.
- Do not load documents containing different sizes or weights of paper.
- Do not load booklets, pamphlets, transparencies or documents having other unusual characteristics.

Making a Copy

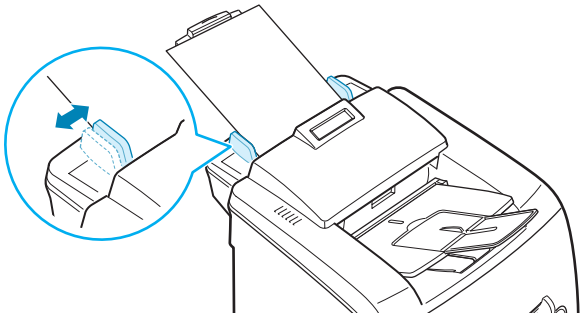
1 Pull the document support all the way out. Fold out the extender, if necessary.



2 Load the documents of up to 50 pages **face down** into the ADF.



3 Adjust the document guides to the document size.



4 Customize the copy settings including number of copies, copy size, darkness and original type by using the control panel buttons. See "Setting Copy Options" on page 4.4. Sorts the copy job. For example, if you make 2 copies of 3 page documents, one complete 3 page document will print followed by the second complete document. see

To clear the settings, use **Stop/Clear**.

5 Press **Start Copy/Fax**.

Setting Copy Options

The buttons on the control panel let you make all the basic copy options; darkness, document type, copy size and number of copies. Set the following options for the current copy job before pressing **Start Copy/Fax** to make copies.

NOTE: If you press **Stop/Clear** while you set the copy options, all of the options you have set for the current copy job will be canceled and return to their default status. Or, they will automatically return to their default status after the machine completes the copy.

Darkness

If you have an original document containing faint markings and dark images, you can adjust the brightness to make a copy that is easier to read.

To adjust the contrast, press **Darkness**. Each time you press the button, the indicator labeled with the selected mode turns on.

You can choose from the following contrast modes:

- **Light**: works well with dark print.
- **Normal**: works well with standard typed or printed documents.
- **Dark**: works well with light print or faint pencil markings.

Original Type

The Original Type setting is used to improve the copy quality by selecting the document for the current copy job.

To select the document type, press **Original Type**. Each time you press the button, the indicator labeled with the selected mode turns on.

You can choose from the following image modes:

- **Text**: Use for documents containing mostly text.
- **Photo**: Use when the originals are photographs.

NOTE: When you copy a document containing color in the background, such as a newspaper or a catalog, you can get the background on your copy. If you want to reduce the background, change the **Darkness** setting to **Light** and/or the **Original Type** setting to **Text**.

Number of Copies

Using the **No. of Copies** button, you can select the number of copies from 1 to 99.

1. Press **No. of Copies**.
2. Press the scroll button (◄ or ►) until the number you want appears on the display.

   Pressing and holding the buttons allows you to quickly increase and decreases in increments of 5.

   You can enter the value using the number keypad.
3. Press **Enter** to save the selection.

Reduced/Enlarged Copying

Using the **Reduce/Enlarge** button, you can reduce or enlarge the size of a copied image from 50 % to 200 %.

To select from the predefined copy sizes:

1. Press **Reduce/Enlarge**.

   The default setting appears on the bottom line of the display.

2 Use **Reduce/Enlarge** or the scroll button (◄ or ►) to find the size setting you want.

3 Press **Enter** to save the selection.

To fine-tune the size of copies:

1 Press **Reduce/Enlarge**.

2 Press **Reduce/Enlarge** or the scroll button (◄ or ►) until "Custom:50-200 %" displays on the bottom line. Press **Enter**.

3 Press the scroll button (◄ or ►) until the copy size you want appears on the display.

Pressing and holding the buttons allows you to quickly increase and decreases in increments of 5.

You can enter the value using the number keypad.

4 Press **Enter** to save the selection.

NOTE: When you make a reduced copy, black lines may appear at the bottom of your copy.

Changing the Default Settings

Copy options, including darkness, original type, copy size and number of copies, can be set to the most frequently used modes. When you copy a document, the default settings are used unless they are changed by using the corresponding buttons on the control panel.

To create your own default settings:

1 Press **Menu** on the control panel until "Copy Setup" appears on the top line of the display.

The first menu item, "Default-Change", appears on the bottom line.

2 Press **Enter** to access the menu item. The first setup option, "Darkness," appears on the bottom line.

3 Press the scroll button (◄ or ►) to scroll through the setup options.

4 When the option you want to set appears, press **Enter** to access the option.

5 Change the setting using the scroll button (◄ or ►) or enter the value using the number keypad.

6 Press **Enter** to save the selection.

7 Repeat steps 3 through 6, as needed.

8 To return to Standby mode, press **Stop/Clear**.

NOTE: While you set copy options, pressing **Stop/Clear** cancels the changed settings and restores their default status.

Setting the Time Out Option

You can set the time the machine waits before it restores the default copy settings, if you do not start copying after changing them on the control panel.

1 Press **Menu** on the control panel until "Copy Setup" appears on the top line of the display.

2 Press the scroll button (◄ or ►) to display "Timeout" on the bottom line.

3 Press **Enter** to access the menu item.

4 Press the scroll button (◄ or ►) until the status you want appears on the display.

You can select from 15, 30, 60 and 180 (seconds). Selecting "Off" means that the machine does not restore the default settings until you press **Start Copy/Fax** to start copying, or **Stop/Clear** to cancel.

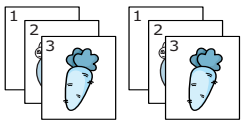
5 Press **Enter** to save the selection.

6 To return to Standby mode, press **Stop/Clear**.

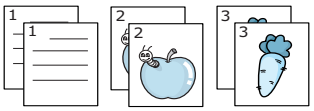
Collation Copying

The Collation copying feature is available only when you load documents in the ADF.

1. Press **Menu** on the control panel until "Copy Setup" appears on the top line of the display.
2. Press the scroll button (◄ or ►) to display "Copy Collated" on the bottom line.
3. Press **Enter** to access the menu item.
4. If you are making multiple copies and want to collate them, press the scroll button (◄ or ►) to set Collated Copy to "On" and press **Enter**.



▲ Collated Copy On



▲ Collated Copy Off

5. Press **Start Copy/Fax** to begin copying.

5 SCANNING

Scanning with your machine lets you turn pictures and text into digital files on your computer. Then you can fax or e-mail the files, display them on your web site or use them to create projects that you can print using Samsung SmarThru software.

This chapter includes:

- **Scanning Basics**
- **Scanning Using Samsung SmarThru**
- **Scanning Process with TWAIN-enabled Software**

Scanning Basics

Your machine offers two ways to scan:

- From the Samsung SmarThru software: Launch Samsung SmarThru and open the Scan Wizard to begin scanning. See below.
- From TWAIN-compliant software: You can use other software including Adobe PhotoDeluxe and Adobe Photoshop. See page 5.6.

NOTES:
- To scan with your machine, you must install the MFP driver.
- Scanning is done through the same LPT or USB port currently assigned for your printer port.

Scanning Using Samsung SmarThru

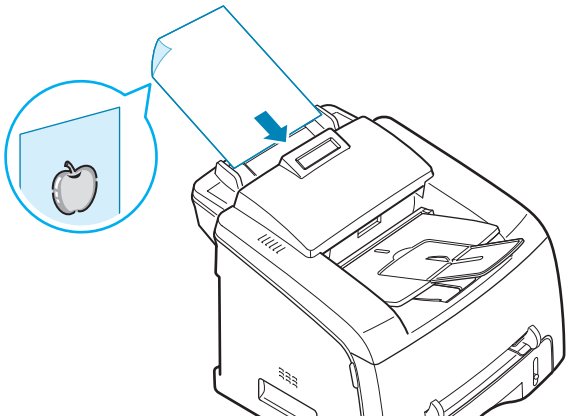
Samsung SmarThru is the accompanying software for your machine. With the SmarThru, scanning becomes a pleasure.

Follow these steps to start scanning using the SmarThru:

1 Make sure that your machine and computer are turned on and properly connected to each other.

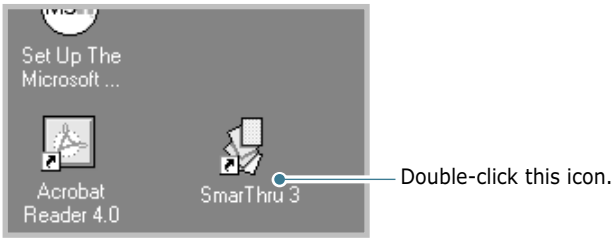
2 Pull the document input support all the way out. Fold out the extender, if necessary.

3 Load the document(s) to be scanned **face down** into the ADF (Automatic Document Feeder) and adjust the document guides.

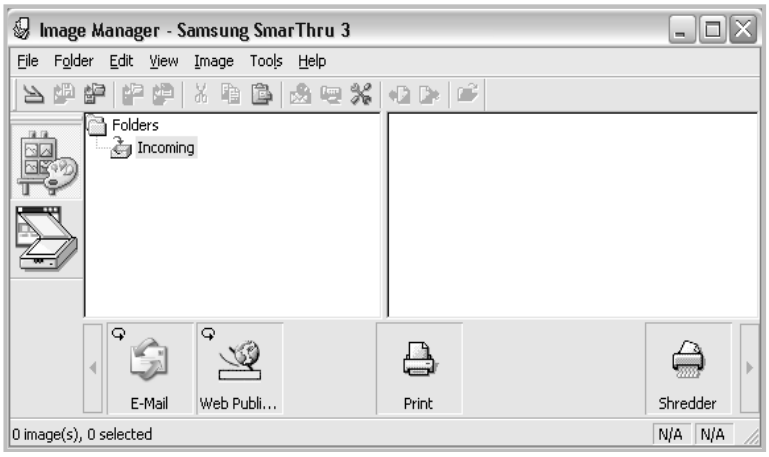


For detailed guidelines for preparing an original document, see page 4.2.

4 Once you have installed Samsung software, you see the SmarThru icon on the desktop. Double-click the **SmarThru 3** icon.



The SmarThru 3 window opens.



5 To open the Scan Wizard, click the **Scan Wizard** icon in the plug-in bar on the left of the SmarThru 3 window.

Scan Wizard icon.

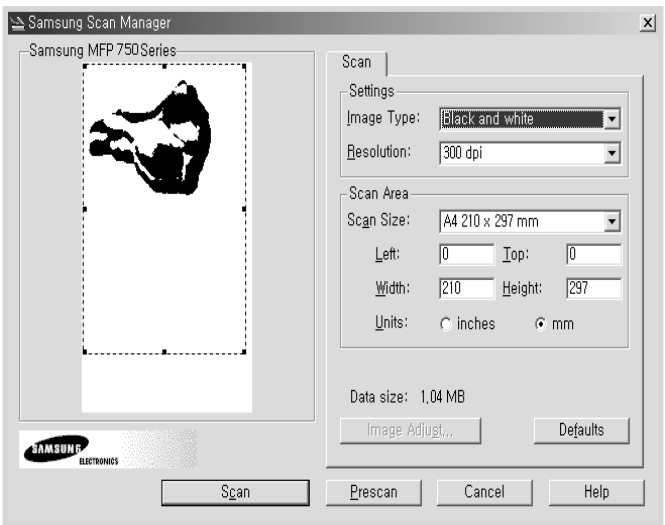
The Scan Wizard lets you use the following services:

- **Scan**
  Lets you scan the original documents and save them in the Image Manager of the Samsung SmarThru system. The Image Manager is an image database manager and image editor program.
- **Copy**
  Lets you use your machine to produce professional quality copies. You can adjust the image size and select advanced settings.
- **Scan to Email**
  Lets you scan the original documents and then launches a default mail program of your system, such as Microsoft Outlook Express, so that you can send the scanned image attached to a new mail. To send e-mail using the Samsung SmarThru system, you need to enable the Internet Gate and configure an e-mail account in SmarThru Configuration. Refer to the SmarThru User's Guide.
- **Scan to FAX**
  Lets you scan the original documents and then launches a New Fax form which helps you to send them as a fax image. This service is available only when you enable and configure the Fax Gate in SmarThru Configuration. Refer to the SmarThru User's Guide.

- **Scan to WEB**
  Lets you scan the original documents for further publishing to the Web.
- **Scan to OCR**
  Lets you scan the original documents and pass them to the OCR program. OCR (Optical Character Recognition) is the process of converting a scanned image into text that you can edit in a word processing program. After you scan your document, the software processes or "recognizes" it. Then you can change it and either save the file or open it in any word processing program on your computer.

6 Click the service icon according to your job.

7 The Samsung Scan Manager opens for the selected service. Adjust the scan settings. You can use the **Help** button to receive on-line help.



8 To start scanning, click **Scan**.

For more information, please refer to the SmarThru User's Guide which came with your machine.

NOTE: If you want to cancel the scan job, press the **Stop/Clear** button on the control panel.

Scanning Process with TWAIN-enabled Software

If you want to scan documents using other software, you will need to use TWAIN-compliant software, such as Adobe PhotoDeluxe or Adobe Photoshop. The first time you scan with your machine, select it as your TWAIN source in the application you use.

The basic scanning process involves a number of steps:

- Place your photograph or page in the ADF. See page 5.2.
- Open an application, such as PhotoDeluxe or Photoshop.
- Open the TWAIN window and set the scan options.
- Scan and save your scanned image.

You need to follow the program's instructions for acquiring an image. Please refer to the user's guide of the application.

6 FAXING

This chapter gives you information about using your machine as a fax machine. This chapter includes:

- **Setting Up the Fax System**
  - Changing the Fax Setup options
  - Available Fax Setup Options
- **Sending a Fax**
  - Loading a Document
  - Adjusting the Document Resolution
  - Sending a Fax Automatically
  - Sending a Fax Manually
  - Redialing the Last Number
  - Confirming a Transmission
  - Automatic Redialing
- **Receiving a Fax**
  - About the Receiving Modes
  - Loading Paper for Receiving Faxes
  - Receiving Automatically in Fax Mode
  - Receiving Manually in Tel Mode
  - Receiving Automatically in Ans/Fax Mode
  - Receiving Manually Using an Extension Telephone
  - Receiving Faxes Using DRPD Mode
  - Receiving Faxes in the Memory
- **Automatic Dialing**
  - One-touch Dialing
  - Speed Dialing
  - Group Dialing
  - Searching for a Number in the Memory
  - Printing a Phonebook List
- **Other Ways to Fax**
  - Sending Broadcasting Faxes
  - Sending a Delayed Fax
  - Sending a Priority Fax
  - Polling a Remote Machine
  - Adding Documents to a Scheduled Fax
  - Canceling a Scheduled Fax
- **Additional Features**
  - Using Secure Receiving Mode
  - Printing Reports
  - Using Advanced Fax Settings
  - Using the Remote Control Panel

Setting Up the Fax System

Changing the Fax Setup options

1. Press **Menu** until "Fax Setup" appears on the top line of the display.

   The first available menu item, "Ring To Answer," displays on the bottom line.

2. Press the scroll button (◄ or ►) until the menu item you want on the bottom line and press **Enter**.

3. Use the scroll button (◄ or ►) to find the status or use the number keypad to enter the value for the option you have selected.

4. Press **Enter** to save the selection.

5. If necessary, repeat steps 2 through 4.

6. To return to Standby mode, press **Stop/Clear**.

Available Fax Setup Options

You can use the following setup options for configuring the fax system:

Option	Description
Ring To Answer	You can specify the number of times the machine rings, 1 to 7, before answering an incoming call.
Darkness	You can select the default darkness mode to fax your documents lighter or darker. • **Light** works well with dark print. • **Normal** works well with standard typed or printed documents. • **Dark** works well with light print or faint pencil markings.
Redial Term	Your machine can automatically redial a remote fax machine when the line is busy. Intervals from 1 to 15 minutes can be entered.
Redials	You can specify the number of redial attempts, 0 to 13. If you enter **0**, the machine will not redial.
MSG Confirm	You can set your machine to print a report showing whether the transmission was successful, how many pages were sent and more. The available options are **On**, **Off** and **On-Error**, which prints only when a transmission is not successful.
Auto Report	A report with detailed information about the previous 50 communications operations, including time and dates. The available options are **On** or **Off**.
Auto Reduction	When receiving a document as long as or longer than the paper loaded in the paper tray, the machine can reduce the size of the document to fit the size of paper loaded in the machine. Select **On** if you want to automatically reduce an incoming page. With this feature set to **Off**, the machine cannot reduce the document to fit onto one page, the document is divided and printed in actual size on two or more pages.

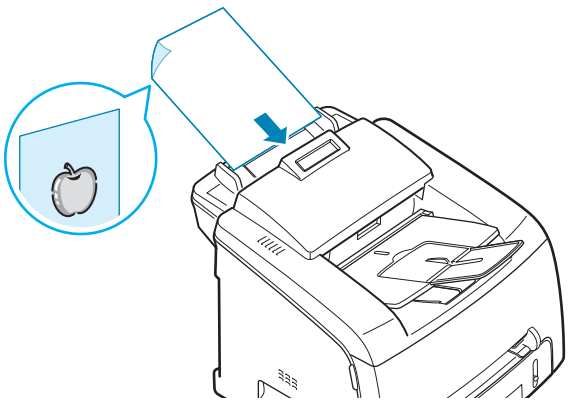
Option	Description
Discard Size	When receiving a document as long as longer than the paper installed in your machine, you can set the machine to discard any excess at the bottom of the page. If the received page is outside the margin you set, it will print on two sheets of paper at the actual size. When the document is within the margin and the Auto Reduction feature is turned on, the machine reduces the document to fit it onto the appropriate sized paper and discard does not occur. If the Auto Reduction feature is turned off or fails, the data within the margin will be discarded. Settings range from 0 to 30 mm.
Receive Code	The Receive Code allows you to initiate fax reception from an extension phone plugged into the EXT jack on the back of the machine. If you pick up the extension phone and hear fax tones, enter the Receive Code. The Receive Code is preset to ✳**9**✳ at the factory. Settings range from 0 to 9. See page 6.13 for more information about using the code.
DRPD Mode	You can receive a call using the Distinctive Ring Pattern Detection (DRPD) feature which enables you to use a single telephone line to answer several different telephone numbers. In this menu, you can set the machine to recognize the ring patterns to answer. For details about this feature, see page 6.13.

Sending a Fax

Loading a Document

1 Pull the document input support all the way out. Fold out the extender, if necessary.

2 Load the documents of up to 50 pages **face down** into the ADF and adjust the document guides to the document size.



For detailed guidelines for preparing an original document, see page 4.2.

3 Adjust the document resolution, referring to page 6.6.

Adjusting the Document Resolution

The default document settings produce good results when setting typical text based documents.

However, if you send documents that are of a poor quality, or contain photographs, you can adjust the resolution to produce a higher quality fax.

1. Press **Resolution** on the control panel.

2. By pressing **Resolution** or the scroll button (◄ or ►), you can choose from Standard, Fine, Super Fine, Photo.

The document types recommended for the resolution settings are described in the following table below:

Mode	Recommended for:
Standard	Documents with normal-sized characters.
Fine	Documents containing small characters or thin lines or documents printed using a dot-matrix printer.
Super Fine	Documents containing extremely fine detail. Super Fine mode is enabled only if the remote machine also supports the Super Fine resolution. See the notes below.
Photo	Documents containing shades of gray or photographs.

NOTES:

- For memory transmission, Super Fine mode is not available. The resolution setting is automatically changed to Fine.
- When your machine is set to Super Fine resolution and the remote fax machine does not support the Super Fine resolution, the machine transmits using the highest resolution mode supported by the remote fax machine.

Sending a Fax Automatically

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Enter the remote fax phone number using the number keypad.

You can use the one-touch keypad or speed or group dial numbers. For details about storing a number, see page 6.9.

4 Press **Start Copy/Fax**.

The document is scanned into memory, the number is then dialed and the documents sent when the remote machine is ready.

NOTE: When you want to cancel the fax job, press **Stop/Clear** at any time while sending the fax.

Sending a Fax Manually

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Press **On Hook Dial**. You hear a dial tone.

4 Enter the remote fax machine's fax number using the number keypad.

You can use the one-touch keypad or speed or group dial numbers. For details about storing a number, see page 6.9.

5 When you hear a high-pitched fax signal from the remote fax machine, press **Start Copy/Fax**.

NOTE: When you want to cancel the fax job, press **Stop/Clear** at any time while sending the fax.

Redialing the Last Number

To redial the last number you dialed:

Press **Redial/Pause**.

If a document is loaded in the ADF, the machine automatically begins to send.

Confirming a Transmission

When the last page of your document has been sent successfully, the machine beeps and returns to Standby Mode.

When something goes wrong while sending your fax, an error message appears on the display. For a listing of error messages and their meanings, see page 9.8.

If you receive an error message, press **Stop/Clear** to clear the message and try to send the document again.

You can set your machine to print a confirmation report automatically each time sending a fax is completed. For further details, see the MSG Confirm item on page 6.3.

Automatic Redialing

When the number you have dialed is busy or there is no answer when you send a fax, the machine automatically redials the number every three minutes up to seven times by the factory default settings.

When the display shows "[Retry Redial ?]," press **Enter** to redial the number without waiting. To cancel the automatic redialing, press **Stop/Clear**.

To change the time interval between redials and the number of redial attempts. See page 6.3.

Receiving a Fax

About the Receiving Modes

- In **Fax** mode, the machine answers an incoming fax call and immediately goes into the fax reception mode.
- In **Tel** mode, you can receive a fax by pressing **On Hook Dial** (you can hear a fax tone from the remote machine) and then pressing **Start Copy/Fax** on the control panel of your machine. You can also of the extension phone and then press the remote receive code; see page 6.13.
- In **Ans/Fax** mode, the answering machine answers an incoming call, and the caller can leave a message on the answering machine. If the fax machine senses a fax tone on the line, the call automatically switches to Fax mode.
- In **DRPD** mode, you can receive a call using the Distinctive Ring Pattern Detection (DRPD) feature. "Distinctive Ring" is a telephone company service which enables a user to use a single telephone line to answer several different telephone numbers. For further details, see page 6.13.

The current receiving mode displays when the machine is in Standby mode.

When the memory is full, the receiving mode automatically switches to Tel.

NOTES:
- To use **Ans/Fax** mode, connect an answering machine to the EXT jack on the back of your machine. see page 1.14.
- If you do not want other people to view your received documents, you can use Secure Receiving mode. In this mode, all of the received faxes are stored in the memory. For further details, see page 6.29.

Loading Paper for Receiving Faxes

The instructions for loading paper in the paper tray are the same whether you are printing, faxing or copying, except that faxes can only be printed on Letter-, A4- or Legal-sized plain paper. For details about loading paper and setting the paper size in the tray, see page 1.11 and page 1.35.

Receiving Automatically in Fax Mode

Your machine is preset to Fax mode at the factory. If you have changed the receiving mode, take the following steps to receive faxes automatically:

1. Press **Receive Mode**.
2. Press and hold **Receive Mode** until "Fax" displays on the bottom line. You may have to repeat this action once or twice, depending on the mode you're in.
3. When you receive a fax, the machine answers the call on a specified number of rings and automatically receives the fax.

   To change the number of rings, see page 6.3.

Receiving Manually in Tel Mode

You can answer calls using the **On Hook Dial** button.

1. Press **Receive Mode**.
2. Press and hold **Receive Mode** until "Tel" displays on the bottom line. You may have to repeat this action once or twice, depending on the mode you're in.

3 When you receive a fax call, press **On Hook Dial**.

You can hear a fax tone from the remote machine.

4 Press **Start Copy/Fax** to receive the fax.

The machine begins receiving a fax and returns to Standby mode when the reception is completed.

Receiving Automatically in Ans/Fax Mode

For using this mode, you must attach an answering machine to the EXT jack on the back of your machine. See page 1.15.

1 Press **Receive Mode**.

2 Press and hold **Receive Mode** until "Ans/Fax" displays on the bottom line. You may have to repeat this action once or twice, depending on the mode you're in.

3 When you receive a call, the answering machine answers.

If the caller leaves a message, the answering machine stores the message as it would normally. If your machine hears a fax tone on the line, it automatically starts to receive the fax.

NOTES:

- When you have set your machine to Ans/Fax mode and your answering machine is switched off or no answering machine is connected to the EXT jack, your machine automatically goes into Fax mode after a predefined number of rings.
- If your answering machine has a "user-selectable ring counter," set it to answer incoming calls within 1 ring.
- If you are in Tel mode, which is receiving faxes manually, when the answering machine is connected to your machine, you must switch off the answering machine, or the outgoing message from the answering machine will interrupt your phone conversation.

Receiving Manually Using an Extension Telephone

You can receive a fax from someone you are talking to on the extension telephone without going to the fax machine.

When you receive a call on the extension phone and hear fax tones, press the keys ✳**9**✳ on the extension telephone. The machine receives the document.

Press the buttons slowly in sequence. If you still hear the fax tone from the remote machine, try pressing ✳**9**✳ once again.

✳**9**✳ is the remote receive code preset at the factory. The first and the last asterisks are fixed, but you can change the middle number to whatever you choose. For details about changing the code, see page 6.4.

Receiving Faxes Using DRPD Mode

"Distinctive Ring" is a telephone company service which enables a user to use a single telephone line to answer several different telephone numbers. The particular number someone uses to call you on is identified by different ringing patterns, which consist of various combinations of long and short ringing sounds. This feature is often used by answering services who answer telephones for many different clients and need to know which number someone is calling in on to properly answer the phone.

Using the Distinctive Ring Pattern Detection feature, your fax machine can "learn" the ring pattern you designate to be answered by the fax machine. Unless you change it, this ringing pattern will continue to be recognized and answered as a fax call, and all other ringing patterns will be forwarded to the extension telephone or answering machine plugged into the EXT jack. You can easily suspend or change Distinctive Ring Pattern Detection at any time.

Before using the Distinctive Ring Pattern Detection option, Distinctive Ring service must be installed on your telephone line by the telephone company. To set up Distinctive Ring Pattern Detection, you will need another telephone line at your location, or someone available to dial your fax number from outside.

To set up the DRPD mode:

1. Press **Menu** until "Fax Setup" appears on the top line of the display.

   The first available menu item, "Receive Mode," displays on the bottom line.

2. Press the scroll button (◄ or ►) until you see "DRPD Mode" on the bottom line and press **Enter**.

3. When "Set" displays on the bottom line, press **Enter**.

   The LCD displays '[Waiting Ring]."

4. Call your fax number from another telephone. It is not necessary to place the call from a fax machine.

5. When your machine begins to ring, do not answer the call. The machine requires several rings to learn the pattern.

   When the machine completes learning, the LCD displays "End DRPD [Setup]".

   If the DRPD setup fails, "DRPD Ring Error" appears. Press **Enter** when "DRPD Mode" displays and retry from Step 3.

6. To return to Standby Mode, press **Stop/Clear**.

NOTES:

- DRPD must be set up again if you re-assign your fax number, or connect the machine to another telephone line.
- After DRPD has been set up, call your fax number again to verify that the machine answers with a fax tone. Then have a call placed to a different number assigned to that same line to be sure the call is forwarded to the extension telephone or answering machine plugged into the EXT jack.

Receiving Faxes in the Memory

Since your machine is a multi-tasking device, it can receive faxes while you are making copies or printing. If you receive a fax while you are copying or printing, your machine stores incoming faxes in its memory. Then, as soon as you finish copying or printing, the machine automatically prints the fax.

Automatic Dialing

One-touch Dialing

The 20 one-touch buttons on the control panel lets you store frequently-used fax numbers and enables you to dial a number automatically with a touch of a button.

Using the **Shift** button, you can store up to 40 fax numbers on the one-touch buttons.

Storing a Number for One-touch Dialing

1. Press and hold one of the one-touch dial buttons for about 2 seconds.

   If you want to use one-touch dial buttons from 21 to 40, press **Shift** and hold down the one-touch dial button for about 2 seconds.

   The display asks you to enter the fax number. "T" signifies that you are assigning a one-touch dial button.

   If a number is already stored in the location you chose, the display shows the number to allow you to change it. To start over with another one-touch button, press **Stop/Clear**.

2. Enter the number you want to store using the number keypad and press **Enter**.

   To insert a pause between numbers, press **Redial/Pause**. A symbol "-" appears on the display.

   If you make a mistake while entering a number, press the ◄ button and re-enter the correct number.

3. To assign a name to the number, enter the name you want. For details about entering characters, see page 1.32.

   If you do not want to assign a name, skip this step.

4. Press **Enter** when the name appears correctly or without a name.

5. To store more numbers, press a one-touch button and repeat steps 2 through 4.

   OR

   To return to Standby mode, press **Stop/Clear**.

Sending a Fax using a One-touch Number

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Press the one-touch button where you stored a number.

The document scans into memory.

4 The machine dials the fax number stored in the one-touch dial location and the document is sent when the remote fax machine answers.

Speed Dialing

You can store up to 150 frequently-dialed numbers in one, two or three-digit speed dial locations (0-149).

Storing a Number for Speed Dialing

1 Press **Phone Book**.

2 Press **Phone Book** or the scroll button (◄ or ►) to display "Store&Edit" on the bottom line of the display. Press **Enter**.

3 Press **Enter** when "Speed Dials" appears on the display.

The display prompts you to enter a location number, showing the first available number.

4 Enter a speed dial number between 0 and 149, using the number keypad or scroll button (◄ or ►) and press **Enter**.

If a number is already stored in the location you chose, the display shows the number to allow you to change it. To start over with another speed-dial number, press **Upper Level**.

5 Enter the number you want to store using the number keypad and press **Enter**.

To insert a pause between numbers, press **Redial/Pause**. A symbol "-" appears on the display.

6 To assign a name to the number, enter the name you want. For details about entering characters, see page 1.32.

OR

If you do not want to assign a name, skip this step.

7 Press **Enter** when the name appears correctly or without a name.

8 To store more fax numbers, repeat steps 4 through 7.

OR

To return to Standby mode, press **Stop/Clear**.

Sending a Fax using a Speed Number

1 Feed the document(s) face up into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Enter the speed dial number.

- For a one-digit speed dial number, press and hold the appropriate digit button.
- For a two or three-digit speed dial number, press the first digit button(s) and hold down the last digit button.

The corresponding entry's name briefly displays.

4 The document scans into memory.

The fax number stored in the speed dial location is automatically dialed. The document is sent when the remote fax machine answers.

Group Dialing

If you frequently send the same document to several destinations, you can create a group of these destinations and set them under a group dial location. This enables you to use a group dial number setting to send the same document to all the destinations within the group.

Setting a Group Dial Number

1. Press **Phone Book**.
2. Press **Phone Book** or the scroll button (◄ or ►) to display "Store&Edit" on the bottom line of the display. Press **Enter**.
3. Press the scroll button (◄ or ►) to display "Group Dials" on the bottom line and press **Enter**.
4. Press **Enter** when "New" displays on the bottom line.

   The display prompts you to enter a location number, showing the first available number.
5. Enter a group number between 0 and 149 using the number keypad or scroll button (◄ or ►) and press **Enter**.
6. Press a one-touch dial button, or enter a speed number you want to include in the group and press **Enter**.
7. When the display confirms the number to be added to the group, press **Enter**.
8. Repeat steps 6 and 7 to enter other one-touch dial or speed dial numbers into the group.
9. Press **Upper Level** when you have entered all of the numbers. The display prompts you to enter a group ID.
10. To assign a name to the group, enter the name.

    OR

    If you do not want to assign a name, skip this step.
11. Press **Enter** when the name appears correctly or without a group ID.
12. If you want to assign another group, press **Enter** and repeat from step 5.

    OR

    To return to Standby mode, press **Stop/Clear**.

NOTE: You cannot include one group dial number in another group dial number.

Editing Group Dial Numbers

You can delete a specific speed dial number from a selected group or add a new number to the selected group.

1. Press **Phone Book**.
2. Press **Phone Book** or the scroll button (◄ or ►) to display "Store&Edit" on the bottom line of the display. Press **Enter**.
3. Press the scroll button (◄ or ►) to display "Group Dials" on the bottom line and press **Enter**.
4. Press the scroll button (◄ or ►) to display "Edit" on the bottom line and press **Enter**.
5. Enter the group number you want to edit and press **Enter**.
6. Press a one-touch dial button to enter a speed dial number you want to add or delete.
7. When you enter the specific number in the group, the display shows "Delete?."

   When you enter a new number, the display shows "Add?."
8. Press **Enter** to add or delete the number.
9. To change the group name, press **Upper Level**.
10. Enter a new group name and press **Enter**.
11. If you want to edit another group, press **Enter** and repeat from step 5.

    OR

    To return to Standby mode, press **Stop/Clear**.

Sending a Fax Using Group Dialing (Multi-address Transmission)

You can use group dialing for Broadcasting or Delayed transmissions.

Follow the procedure of the operation (Broadcasting fax; see page 6.22, Delayed fax; see page 6.23, Priority fax; see page 6.25, Delayed RX polling; see page 6.26). When you come

to a step in which the display asks you to enter the remote fax number:

- For a one-digit group number, press and hold the appropriate digit button.
- For a two or three-digit group number, press the first digit button(s) and hold down the last digit button.

You can use only one group number for one operation. Continue the procedure to complete the operation.

Your machine automatically scans the document loaded in the ADF and then dials each of the numbers within the group.

Searching for a Number in the Memory

There are two ways to search for a number in memory. You can either scan from A to Z sequentially, or you can search using the first letter of the name associated with the number.

Searching Sequentially through the Memory

1. Press **Phone Book**.

2. Press **Enter** when "Search&Dial" appears on the display.

3. Press the scroll button (◄ or ►) to scroll through memory until the name and number you want to dial display. You can search upwards or downwards through the entire memory in alphabetical order, from A to Z.

   While searching through the machine's memory, you can see that each entry is preceded by one of three letters; "T" for one-touch dial, "S" for speed dial or "G" for group dial number. These letters tell you how the number is stored.

4. When the name and/or the number you want displays, press **Start Copy/Fax** or **Enter** to dial.

Searching with a Particular First Letter

1. Press **Phone Book**.
2. Press **Enter** when "Search&Dial" appears on the display.
3. Press the button labeled with the letter you want to search for. A name beginning with the letter displays.

   For example, if you want to find the name "MOBILE," press the **6** button, which is labeled with "MNO."
4. Press the scroll button (◄ or ►) to display the next name.
5. When the name and/or the number you want displays, press **Start Copy/Fax** or **Enter** to dial.

Printing a Phonebook List

You can check your automatic dial setting by printing a Phonebook list.

1. Press **Phone Book**.
2. Press **Phone Book** or the scroll button (◄ or ►) until "Print" appears on the bottom line and press **Enter**.

   A list showing your one-touch dial, speed dial and group dial entries prints out.

Other Ways to Fax

Sending Broadcasting Faxes

Using the **Broadcasting** button on the control panel, you can use the broadcasting fax feature, which allows you to send a document to multiple locations. Documents are automatically stored in memory and sent to a remote station. After transmission, the documents are automatically erased from memory.

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Press **Broadcasting** on the control panel.

4 Enter the number of the remote machine using the number keypad.

You can use one-touch keypad or speed dial or group dial numbers. For details about storing a number, see page 6.15.

5 Press **Enter** to confirm the number. The display asks you to enter another fax number to send the document.

NOTE: The Another No. prompt does not appear if you have added numbers for another broadcasting or delay fax job. You must wait until the job is completed.

6 To enter more fax numbers, press **1** to select "Yes" and repeat steps 4 and 5. You can add up to 10 destinations.

Note that you cannot use group dial numbers for another fax number.

7 When you finish entering fax numbers, press **2** to select "No" at a Another No. prompt.

The document is scanned into memory before transmission. The display shows the memory capacity and the number of pages being stored in memory.

The machine begins sending the document in order of the numbers you entered.

Sending a Delayed Fax

You can set your machine to send a fax at a later time when you will not be present.

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Press **Menu** until "Fax Feature" appears on the top line of the display. The first available menu item, "DelayFax," displays on the bottom line.

4 Press **Enter**.

5 Enter the number of the remote machine using the number keypad.

You can use one-touch keypad or speed dial or group dial numbers. For details about storing a number, see page 6.15.

6 Press **Enter** to confirm the number on the display. The display asks you to enter another fax number to send the document.

NOTE: The Another No. prompt does not appear if you have added numbers for another broadcasting or delay fax job. You must wait until the job is completed.

7 To enter more fax numbers, press **1** to select "Yes" and repeat steps 4 and 5. You can add up to 10 destinations.

Note that you cannot use group dial numbers for another fax number.

8 When you finish entering fax numbers, press **2** to select "No" at a Another No. prompt.

The display asks you to enter a name.

9 To assign a name to the transmission, enter the name. If not, skip this step.

For details on how to enter the name using the number keypad, see page 1.32.

10 Press **Enter**.

The display shows the current time and asks you to enter the starting time when the fax is to be sent.

11 Enter the time using the number keypad.

To select "AM" or "PM" for 12-hour format, press the * or # button or any number button.

If you set a time earlier than the current time, the document will be sent at that time on the following day.

12 Press **Enter** when the starting time displays correctly.

The document is scanned into memory before transmission. The display shows the memory capacity and the number of pages being stored in memory.

The machine returns to Standby mode. The display reminds you that you are in Standby mode and that a delayed fax is set.

NOTE: If you want to cancel the delayed transmission, see "Canceling a Scheduled Fax" on page 6.28.

Sending a Priority Fax

Using the Priority Fax feature, a high priority document can be sent ahead of reserved operations. The document is scanned into memory and transmitted when the current operation is finished. In addition, the priority transmission interrupts a broadcast operation between stations (i.e., when the transmission to station A ends, before transmission to station B begins) or between redial attempts.

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Press **Menu** until "Fax Feature" appears on the top line of the display.

4 Press the scroll button (◄ or ►) to display "Priority Fax" on the bottom line and press **Enter**.

5 Enter the number of the remote machine using the number keypad.

To enter the number, you can use one-touch keypad or speed dial or group dial numbers. For details, see page 6.15.

6 Press **Enter** to confirm the number. The display asks you to enter a name.

7 To assign a name to the transmission, enter the name. If not, skip this step.

For details on how to enter a name using the number keypad, see page 1.32.

8 Press **Enter**.

The document is scanned into memory before transmission. The display shows the memory capacity and the number of pages being stored in memory.

The machine shows the number being dialed and begins sending the document.

Polling a Remote Machine

Polling is used when one fax machine requests another to send a document. This is useful when the person with the original document to be sent is not in the office. The person who wants to receive the document calls the machine holding it and requests that the document be sent. In other words, it "polls" the machine holding the original document.

You can set the machine to automatically receive documents from an unattended remote fax machine at any time. This feature permits unattended polling in the evening hours when telephone rates are lower.

NOTE: The remote fax machine must be ready for polling.

1. Press **Menu** until "Fax Feature" appears on the top line of the display.

2. Press the scroll button (◄ or ►) to display "Delay Rx Poll" on the bottom line and press **Enter**.

3. Enter the number of the remote machine to be polled using the number keypad.

   To enter the number, you can use a one-touch keypad or speed dial number. For details, see page 6.15.

4. Press **Enter** to confirm the number on the display. The display asks you to enter another fax number.

NOTE: The Another No. prompt does not appear if you have added numbers for another broadcasting or delay fax job. You must wait until the job is completed.

5. To enter more fax numbers, press **1** to select "Yes" and repeat steps 4 and 5. You can add up to 10 destinations.

   Note that you cannot use group dial numbers for another fax number.

6. When you finish entering fax numbers, press **2** to select "No" at a Another No. prompt.

7. Enter the time using the number keypad.

To select "AM" or "PM" for 12-hour format, press the * or # button or any number button.

If you set a time earlier than the current time, your machine will poll at that time on the following day.

8 When the remote machine is secured with a 4-digit poll code, enter the correct code and press **Enter**.

If not, press **Enter** to accept "0000" which represents no code, or enter **0000**.

9 Press **Enter** when the starting time displays correctly.

At the specified time, the machine will dial the numbers in the order you entered and receive documents from the remote machines.

Adding Documents to a Scheduled Fax

You can add documents to the delayed transmission previously reserved in your machine's memory.

1 Load the document(s) face down into the ADF.

For details about loading a document, see page 6.5.

2 Adjust the document resolution to suit your fax needs. See page 6.6.

If you need to change the darkness, see page 6.3.

3 Press **Menu** until "Fax Feature" appears on the top line of the display.

4 Press the scroll button (◄ or ►) to display "Add Page" on the bottom line and press **Enter**.

The display shows the last job reserved in the memory.

5 Press the scroll button (◄ or ►) until you see the fax job to which you want to add documents and press **Enter**.

The machine automatically stores the documents in memory, and the display shows the memory capacity and the number of pages.

After storing, the machine displays the numbers of total pages and added pages and then returns to Standby mode.

Canceling a Scheduled Fax

1. Press **Menu** until "Fax Feature" appears on the top line of the display.

2. Press the scroll button (◄ or ►) to display "Cancel Job" and press **Enter**. The display shows the last job reserved in the memory.

3. Press the scroll button (◄ or ►) until you see the fax job you want to cancel, and press **Enter**.

4. When the display confirms your selection, press **1** to select "Yes." The selected job is canceled and the machine returns to Standby mode.

   To cancel your selection, press **2** to select "No."

Additional Features

Using Secure Receiving Mode

You may need to prevent your received faxes from being accessed by unauthorized people. You can turn on Secure Receiving mode to restrict the printing out all of received faxes when the machine is unattended. In Secure Receiving mode, all of the incoming faxes go into memory. When the mode turns off, any faxes stored are printed.

To turn Secure Receiving mode on:

1. Press **Menu** until "Advanced Fax" appears on the top line of the display.
2. Press the scroll button (◄ or ►) until "Secure Receive" appears on the bottom line and press **Enter**.
3. Press the scroll button (◄ or ►) to display "On" on the bottom line and press **Enter**.
4. Enter a four-digit passcode you want to use and press **Enter**.

NOTE: You can activate Secure Receiving mode without setting a passcode, but cannot protect your faxes.

5. Re-enter the passcode to confirm it and press **Enter**.
6. To return to Standby mode, press **Stop/Clear**.

When a fax is received in Secure Receiving mode, your machine stores it in memory and displays "Secure Receive" to let you know that there is a fax stored.

To print received documents:

1. Access the Secure Receive menu by following steps 1 and 2 on page 6.29.
2. Press the scroll button (◄ or ►) to display "Print" on the bottom line and press **Enter**.
3. Enter the four-digit passcode and press **Enter**.

   The machine prints all of the faxes stored in memory.

To turn Secure Receiving mode off:

1. Access the Secure Receive menu by following steps 1 and 2 on page 6.29.
2. Press the scroll button (◄ or ►) to display "Off" on the bottom line and press **Enter**.
3. Enter the four-digit passcode and press **Enter**.

   The mode is deactivated and the machine prints all of the faxes stored in memory.
4. To return to Standby mode, press **Stop/Clear**.

Printing Reports

Your machine can print reports containing useful information. The following reports are available:

Phonebook List

This list shows all of the numbers currently stored in the machine's memory as speed dial and group dial numbers.

You can print this Phonebook list using the **Phone Book** button; see page 6.21.

Sent Fax Report

This report shows information of the faxes you recently sent.

Received Fax Report

This report shows information of the faxes you recently received.

System Data List

This list shows the status of the user-selectable options. You may print this list to confirm your changes after changing any settings.

Scheduled Job Information

This list shows the document currently stored for Delayed faxes or Toll Save faxes. The list shows the starting time and type of operation.

Message Confirmation

This report shows the fax number, the number of pages, the elapsed time of the job, the communication mode, and the communication results.

You can set up your machine to automatically print the message confirmation report after each fax job. See page 6.3.

Junk Fax Number List

This list shows up to 10 fax numbers specified as the junk fax numbers by using the Junk Fax Setup menu; see page 6.33. When the Junk Fax Barrier feature is turned on, incoming faxes from those numbers are blocked.

This feature recognize the last 6 digits of the fax number set as a remote fax machine's ID.

Multi-communication Report

This report is printed automatically after sending documents from more than one location.

Power Failure Report

This report is printed out automatically when power is restored after a power failure and indicates, if there occurs any data loss due to the power failure.

NOTE: The lists you have set to print out automatically don't print out when there is no paper loaded or a paper jam has occurred.

Printing a Report

1. Press **Menu** until "Reports" appears on the top line of the display. The first available menu item, "Phone Book" displays on the bottom line.

2. Press the scroll button (◄ or ►) to display the report or list you want to print on the bottom line.
   - Phone Book: Phonebook list
   - Sent Report: Sent fax report
   - RCV Report: Received fax report
   - System Data: System data list
   - Scheduled Jobs: Scheduled job information
   - MSG Confirm: Message confirmation
   - Junk Fax List: Junk fax number list

3. Press **Enter**.

   The selected information prints out.

Using Advanced Fax Settings

Your machine has various user-selectable setting options for sending or receiving faxes. These options are preset at the factory, but you may need to change them. To find out how the options are currently set, print the System Data list. For details about printing the list, see page 6.30.

Changing Setting Options

1. Press **Menu** until "Advanced Fax" appears on the top line of the display. The first available menu item, "Send Forward," displays on the bottom line.

2. Press the scroll button (◄ or ►) until you see the menu item you want on the bottom line and press **Enter**.

3. When the option you want appears on the display, choose a status by pressing the scroll button (◄ or ►) or enter a value using the number keypad.

4. Press **Enter** to save the selection.

5. You can exit from Setup mode at any time by pressing **Stop/Clear**.

Advanced Fax Setting Options

Option	Description
Send Forward	You can set the machine to always forward all of the outgoing faxes to a specified destination, in addition to the fax numbers you entered. Select **Off** to turn this feature off. Select **On** to turn this feature on. You can set the number of the remote fax machine to which faxes are forwarded.
RCV Forward	You can set your machine to forward incoming faxes to another fax number during a specified period of time. When a fax arrives at your machine, it is stored in memory. Then, the machine dials the fax number that you have specified and sends the fax. Select **Off** to turn this feature off. Select **On** to turn this feature on. You can set the fax number to which faxes are forwarded. Then, you can enter the starting time and/or the ending time. The **Print Local Copy** option allows you to set the machine to print the fax, if fax forwarding is completed without any error.
Toll Save	You can set your machine to store your faxes in memory and send them at the specified toll-saving time. For details about Toll Save mode, see page 1.38. Select **Off** to turn this feature off. Select **On** to turn this feature on. You can set the starting time and/or the ending time for Toll Save mode.
Junk Fax Setup	Using the Junk Fax Barrier feature, the system will not accept faxes sent from remote stations of which there machine ID's are stored in the memory as junk fax numbers. This feature is useful for blocking any unwanted faxes Select **Off** to turn the feature off. Anybody can send you a fax. Select **On** to turn the feature on. You can set up to 10 fax numbers as junk fax numbers using the **Set** option. This feature recognize the last 6 digits of the fax number set as a remote fax machine's ID. After storing numbers, you do not receive any faxes from the registered stations. To delete all the junk fax numbers, use the **All Delete** option.
Secure Receive	You can keep your received faxes from being accessed by unauthorized people. For further details about setting this mode, see page 6.29.

Option	Description
Prefix Dial No.	You can set a prefix dial number of up to five digits. This number dials before any automatic dial number is started. It is useful for accessing the PABX exchange.
Stamp RCV Name	This option allows the machine to automatically print the page number, and the date and time of the reception at the bottom of each page of a received document. Select **Off** to turn this feature off. Select **On** to turn this feature on.
ECM Mode (Error Correction Mode)	Error Correction Mode helps with poor line quality and makes sure any fax you send are sent smoothly to any other ECM-equipped fax machine. If the line quality is poor, it takes more time to send a fax when you are using the ECM. Select **Off** to turn this feature off. Select **On** to turn this feature on.

Using the Remote Control Panel

Using the Remote Control Panel, you can create and edit Phonebook entries or update the firmware program of your machine on the desktop of your computer.

When you install the Samsung software, the Remote Control Panel program is automatically installed.

For information about installing the Samsung software, see page 1.18.

To open the Remote Control Panel:

1. Start Windows.
2. From the **Start** menu, select **Programs**.
3. Select **Samsung MFP 750 Series** and then **Remote Control Panel**.

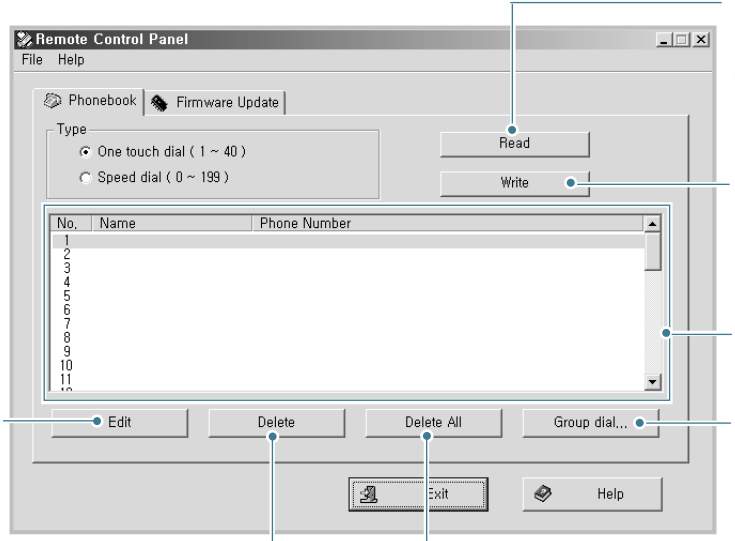
   The Remote Control Panel program opens.
4. The Remote Control Panel window provides the two tabs; **Phonebook** and **Firmware Update**.

   To exit, click the **Exit** button at the bottom of each tab.

   For further details, click the **Help** button at the bottom of each tab.

The Phonebook Tab

Click the **Phone Book** tab to create and edit Phonebook entries.



Reads the Phonebook entries from the machine to the Remote Control Panel.

Downloads the Phonebook entries from the Remote Control Panel to the machine.

Shows Phonebook entries.

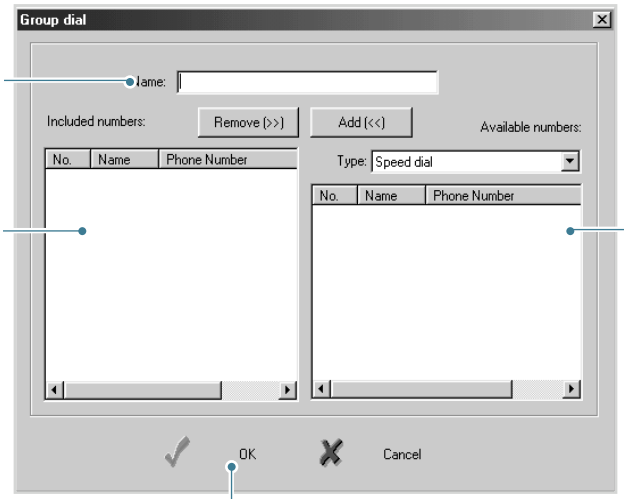
Allows you to edit the selected Phonebook entry in a separate Edit window.

Allows you to set up group dial numbers. See below.

Deletes the selected Phonebook entry.

Deletes all Phonebook entries.

When you click **Group Dial**, the following window opens.



Enter a name for the group.

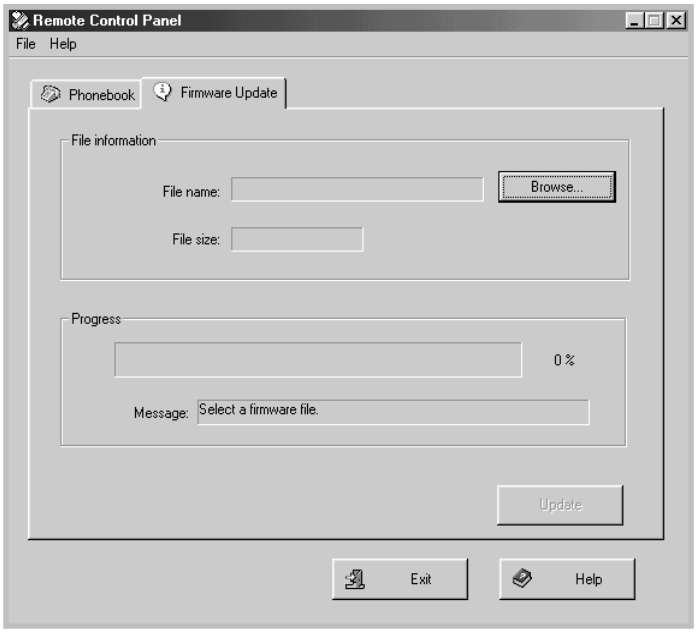
Shows the numbers included in the group. To remove a number, select it and click **Remove**.

Shows the Phonebook entries you can include in the group. After selecting a number, click **Add** to move it to the Included numbers list.

Click to save the group dial number after adding or removing numbers for the group.

The Firmware Update Tab

Click the **Firmware Update** tab to update the firmware of your machine. This feature should be used by an authorized technician. Please consult with the purchase point.



MEMO

7 Using Other Operating Systems

This chapter gives you information about how to use your machine in the Macintosh or Linux system.

This chapter includes:

- **Using Your Printer in Macintosh**
  - Installing Software in Macintosh
  - Setting Up Your Printer
  - Printing a Document
  - Using Advanced Printing Features
- **Using Your Printer in Linux**
  - Getting Started
  - Installing the MFP Driver
  - Using the MFP Configurator
  - Configuring Printer Properties
  - Printing a Document
  - Scanning a Document

Using Your Printer in Macintosh

Installing Software in Macintosh

Your machine supports Macintosh systems with a built-in USB interface. When you print a file from a Macintosh computer, you can use the SPL driver to support your machine's major printing features.

System Requirements

To use your machine and its software with a Macintosh, your system should have:

Macintosh Hardware Requirement

- One of the following Macintosh models:
  - Power Macintosh series
  - Power Macintosh G3, G4
  - iMac series
  - PowerBook series
  - iBook series
- USB interface

Macintosh System Requirement

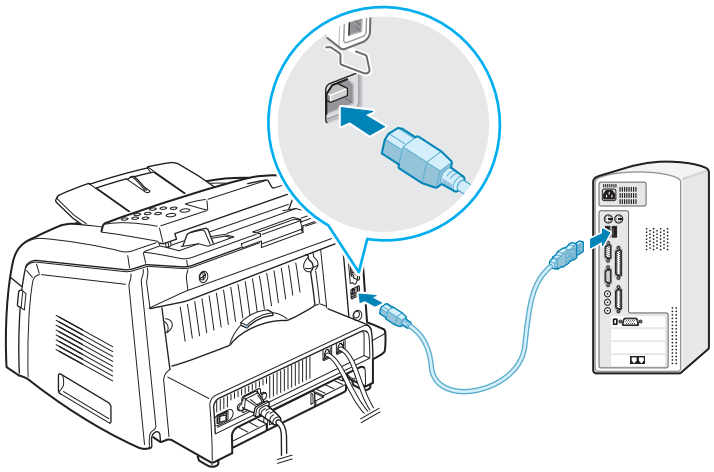
Mac OS 8.6 or later

NOTES:
- Mac OS 10.0 version is not supported.
- Your machine must be connected directly to your Macintosh using a USB cable.
- Your machine does not support Postscript printing. Ensure that the application you are using does not expect to be able to use Postscript.

Mac OS 8.6 ~ 9.x

1 Turn the machine and computer off and plug a USB cable into your machine's USB connector.

You must purchase a USB 2.0 compliant cable that is no more than 3 m length.



NOTE: When you are using a USB hub, connect the machine's cable to the first tier of the hub, or the machine may malfunction. If the machine doesn't work with the hub, connect it directly to the USB port.

2 Turn your computer and machine on.

3 Insert the CD-ROM which came with your machine into the CD-ROM drive.

4 Double-click **SAMSUNG_MFP** on your Macintosh desktop.

5 Double-click the **Classic** folder.

6 Double-click the **West** folder.

7 Double-click the **Samsung Laser Printer installer** icon next to each language to select the correct one.

8 Click **Continue** and then click **Continue**.

9 The Samsung Laser Printer installer window opens. Select the installation type.

The window provides the following two options for software installation:

- **Easy Install** (recommended method): This option installs the SPL driver.
- **Custom Install** : This option allows you to choose which components will be installed, the SPL driver or the Adobe Acrobat Reader program for opening the user's guide.

10 Click **Install**.

When other programs are operating, the alert message appears. Click **Continue** to install the software or click **Cancel**, close other programs and install the software.

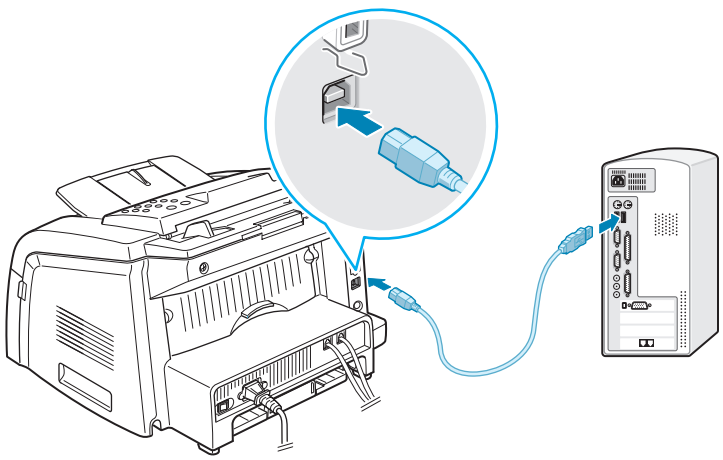
11 After the installation is finished, click **Restart**.

Mac OS 10.x

Mac OS 10.0 version is not supported.

1 Turn the machine and computer off and plug the supplied USB cable into your machine's USB connector.

You must use a USB 2.0 compliant cable that is no more than 3 m length.



NOTE: When you are using a USB hub, connect the machine's cable to the first tier of the hub, or the machine may malfunction. If the machine doesn't work with the hub, connect it directly to the USB port.

2 Turn your computer and machine on.

3 Insert the CD-ROM which came with your machine into the CD-ROM drive.

4 Double-click **SAMSUNG_MFP** on your Macintosh desktop.

5 Double-click the **OS X** folder.

6 For Mac OS 10.1, double-click the **Installer for 10.1** icon.

For Mac OS 10.2.x, double-click the **Installer for 10.2 or later** icon.

7 Click **Continue**, and then click **Continue**.

8 When the Easy Install window appears, click **Install**.

If you already installed the Samsung SPL II printer driver, click **Update**.

9 Click **Continue Installation**.

10 After installation is completed, click **Restart**.

Setting Up Your Printer

Mac OS 8.6 ~ 9.x

1 From the **Apple** menu, select **Chooser**.

2 From the left pane of the Chooser window, click **SAMSUNG SPL II**. Your printer name appears on the right pane of the Chooser window.

3 Click **Samsung MFP 750 Series** and close the Chooser window.

4 The message window indicating that you have changed your current printer appears. Click **OK**.

A SAMSUNG SPL II printer icon is created on your desktop.

Mac OS 10.x

1 Click **Printer Center**.

2 Select **Samsung MFP 750 Series** and then **Make Default**.

If you cannot find the printer name, click **Add** to add the printer. Then make sure that your computer and machine are connected to the USB cable and the machine is turned on.

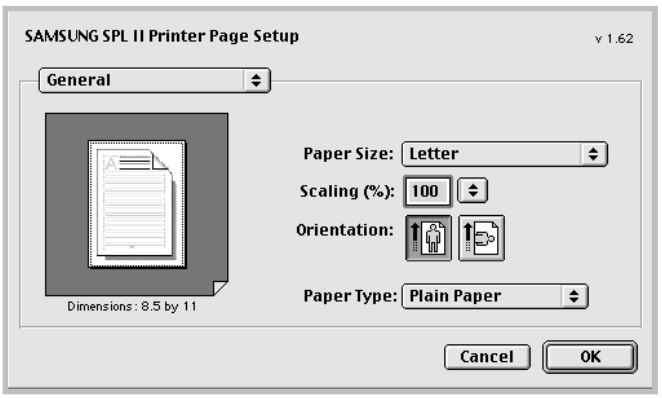
Printing a Document

When you print with a Macintosh computer, you need to check the printer software setting in each application you use. Follow these steps to print from a Macintosh:

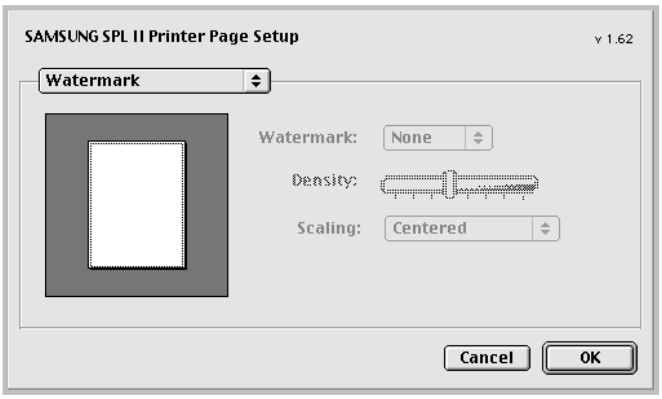
1 Open a Macintosh application and select a file you want to print.

2 Open the **File** menu, and click **Page Setup** (**Document Setup** in some applications).

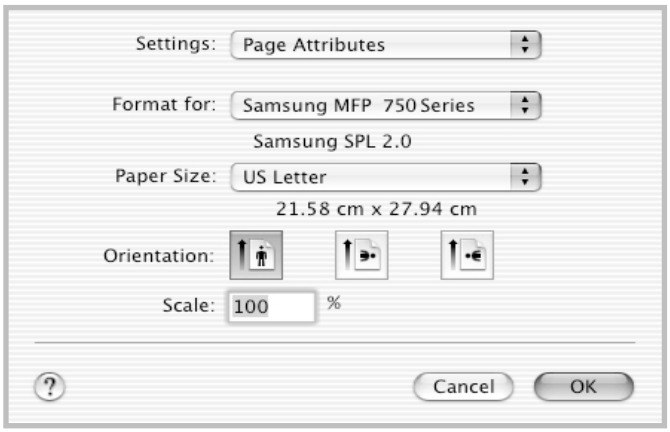
3 Choose your paper size, orientation, paper type and other options and click **OK**.



Choose **Watermark** to add a watermark to each page in your document to emphasize its purpose or indicate how it should be handled. For details about the watermark options, see page 3.15.



For Mac OS 10.x, select **Samsung MFP 750 Series** in the **Format for** option.

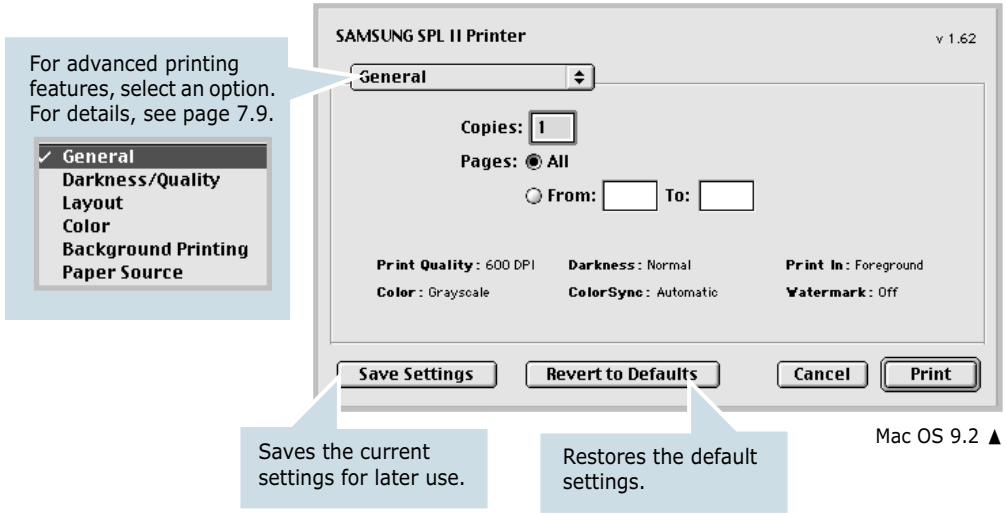


▲ Mac OS 10.2

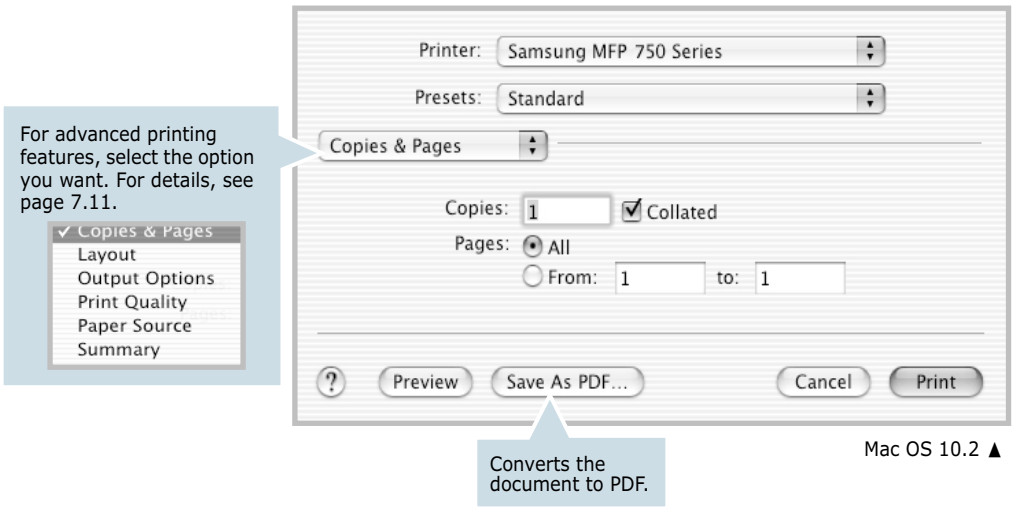
NOTE: The Watermark feature is not supported on Mac OS 9.1 or higher.

4 Open the **File** menu and click **Print**. The SAMSUNG SPL II Printer window appears.

5 Choose the number of copies and indicate which pages you want to print.



Mac OS 9.2 ▲



Mac OS 10.2 ▲

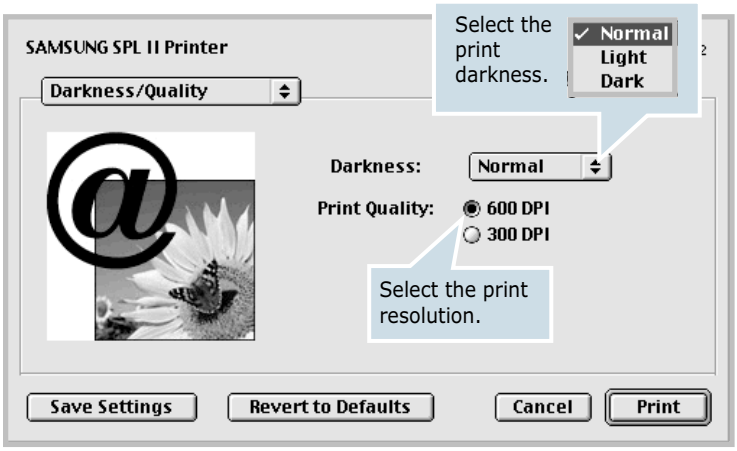
6 Click **Print** when you finish setting the options.

Mac OS 8.6 ~ 9.x

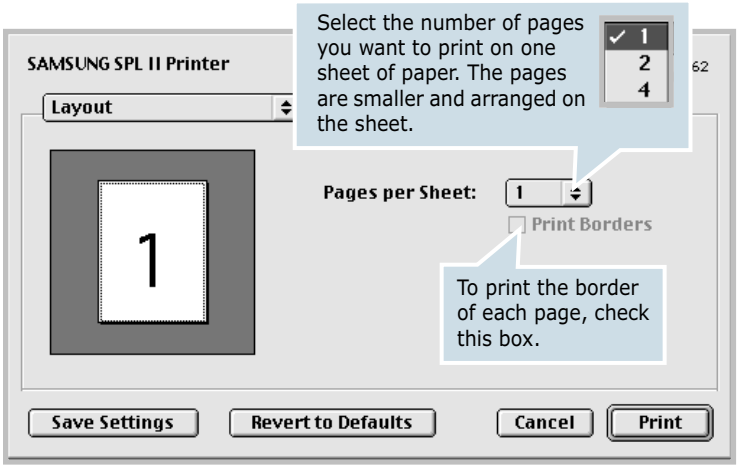
The SAMSUNG SPL II Printer window contains five categories of advanced properties. Listed below is the name of each property.
- Darkness/Quality
- Layout
- Color
- Background Printing
- Paper Source

The figures on the next pages display each property in the SAMSUNG SPL II Printer window:

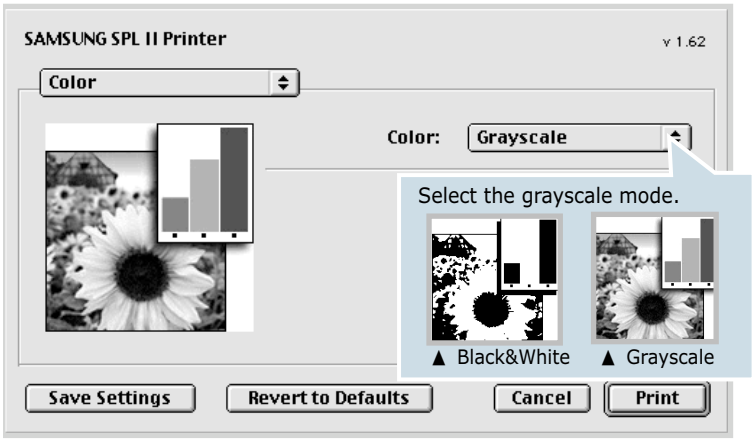
Darkness/Quality



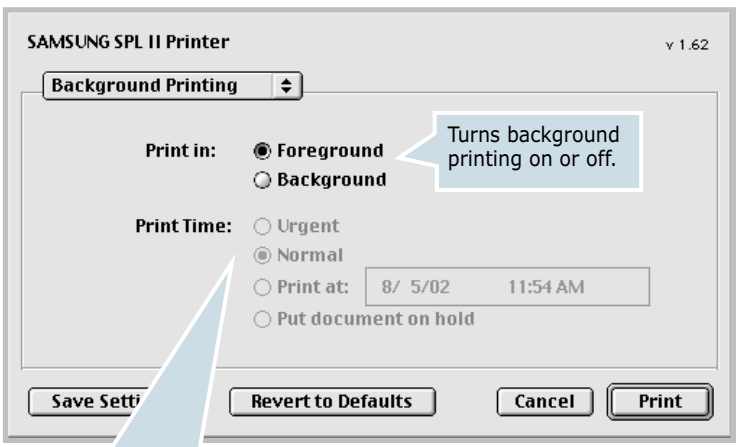
Layout



Color



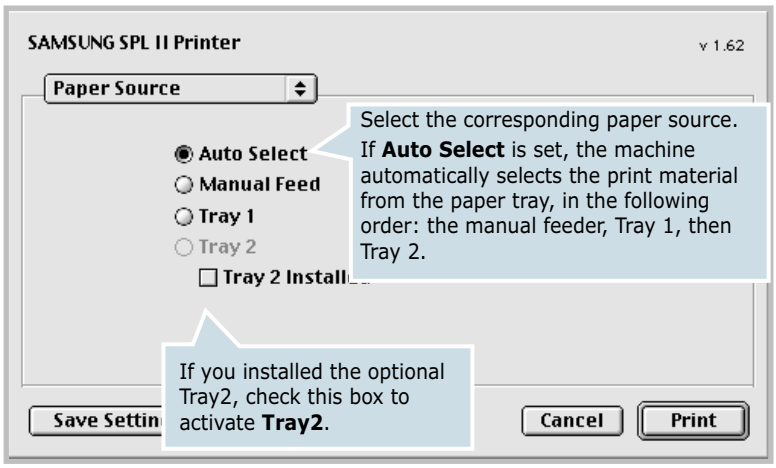
Background Printing



Select priority for your print job in the queue of jobs waiting to print, click one of the following:

- **Urgent**: to print before any Normal priority job.
- **Normal**: to print in the order the job is received.
- **Print at**: to print at the specific time you enter in the day and time in the fields to the right.
- **Put document on hold**: to hold the print job in the print queue until you are ready to release it.

Paper Source

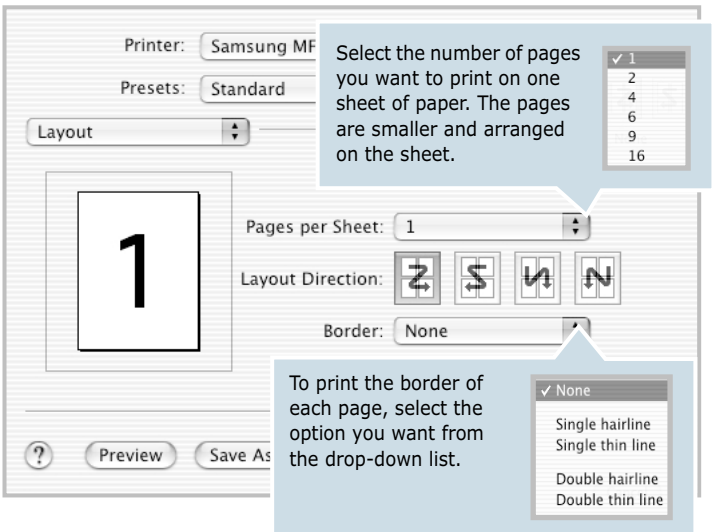

SAMSUNG SPL II Printer
v 1.62
Paper Source
Auto Select
Manual Feed
Tray 1
Tray 2
Tray 2 Install
Select the corresponding paper source. If **Auto Select** is set, the machine automatically selects the print material from the paper tray, in the following order: the manual feeder, Tray 1, then Tray 2.
If you installed the optional Tray2, check this box to activate **Tray2**.
Save Settin
Cancel
Print

Mac OS 10.x

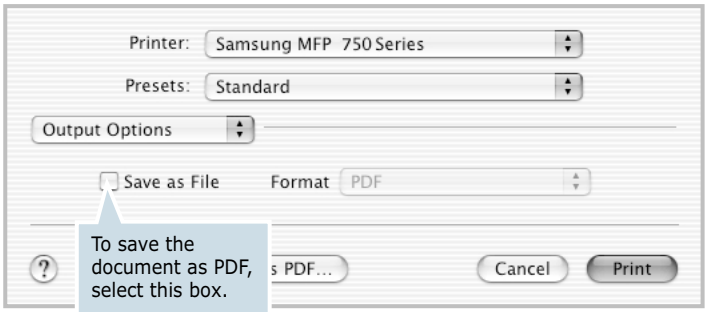
The Samsung SPL II Print window contains three categories of advanced properties. Listed below is the name of each property.

- Layout
- Output Option
- Print Quality
- Paper Source
- Summary

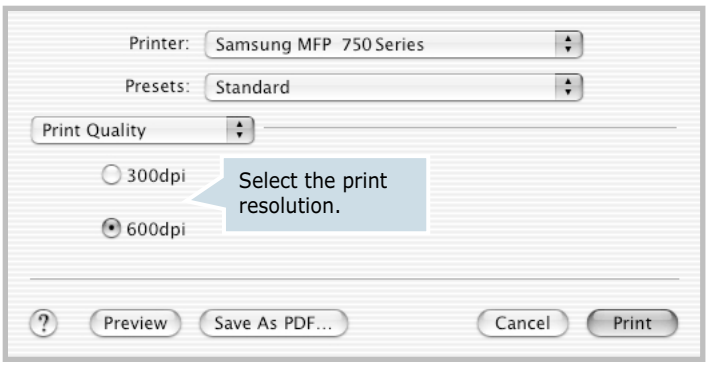
Layout



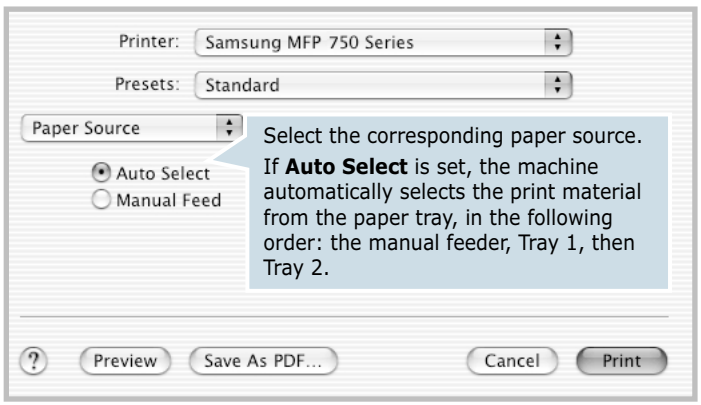
Output Option



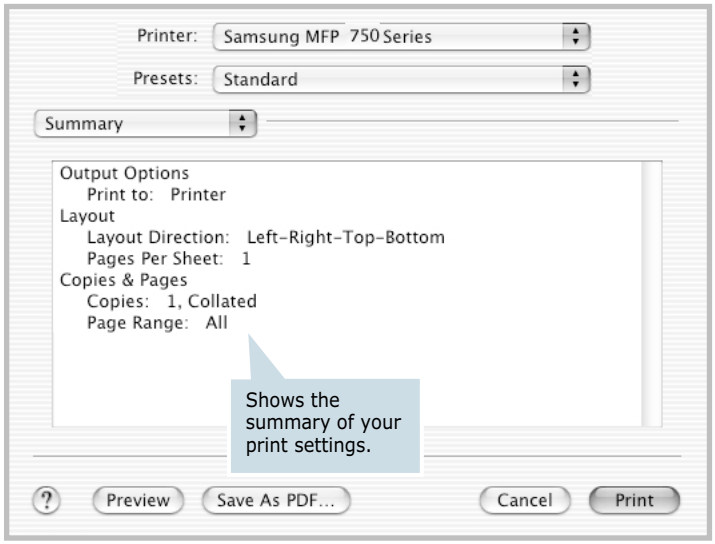
Print Quality



Paper Source


Printer: Samsung MFP 750 Series
Presets: Standard
Paper Source
Auto Select
Manual Feed
Select the corresponding paper source.
If **Auto Select** is set, the machine automatically selects the print material from the paper tray, in the following order: the manual feeder, Tray 1, then Tray 2.
Preview
Save As PDF...
Cancel
Print

Summary


Printer:
Samsung MFP 750 Series
Presets:
Standard
Summary
Output Options
Print to: Printer
Layout
Layout Direction: Left-Right-Top-Bottom
Pages Per Sheet: 1
Copies & Pages
Copies: 1, Collated
Page Range: All
Shows the summary of your print settings.
Preview
Save As PDF...
Cancel
Print

Using Your Printer in Linux

Getting Started

The supplied CD-ROM provides you with Samsung's MFP driver package for using your machine with a Linux computer.

Samsung's MFP driver package contains printer and scanner drivers, providing the ability to print documents and scan images. The package also delivers powerful applications for configuring your machine and further processing of the scanned documents.

After the driver is installed on your Linux system, the driver package allows you to monitor a number of MFP devices via fast ECP parallel ports and USB simultaneously. The acquired documents can then be edited, printed on the same local MFP or network printers, sent by e-mail, uploaded to a FTP site or transferred to an external OCR system.

The MFP driver package is supplied with a smart and flexible installation program. You don't need to search for additional components that might be necessary for the MFP software: all required packages will be carried onto your system and installed automatically; this is possible on a wide set of the most popular Linux clones.

Installing the MFP Driver

System Requirements

Supported OS

- Redhat 7.1 and above
- Linux Mandrake 8.0 and above
- SuSE 7.1 and above
- Caldera OpenLinux 3.1 and above
- Turbo Linux 7.0 and above
- Slackware 8.1 and above

Recommended Hardware Requirements

- Pentium II or higher
- RAM 64 MB or higher
- HDD 200 MB or higher

NOTES:

- It's also necessary to claim swap partition of 200MB or larger for working with large scanned images.
- The Linux scanner driver supports the optional resolution at maximum. See "Scanner specifications" on page A.6.

Software

- Linux Kernel 2.4 or higher
- Glibc 2.2 or higher
- CUPS
- SANE 1.4 or higher

Installing the MFP Driver

1 Make sure that you connect your machine to your computer. Turn both the computer and the machine on.

2 When the Administrator Login window appears, type in *root* in the Login field and enter the system password.

NOTE: You must log in as a super user (root) to install the printer software. If you are not a super user, ask your system administrator.

3 Insert the printer software CD-ROM. The CD-ROM will automatically run.

If the CD-ROM does not automatically run, click the icon at the bottom of the desktop. When the Terminal screen appears, type in:

[root@localhost root]#cd /mnt/cdrom/Linux

[root@localhost root]#./install.sh

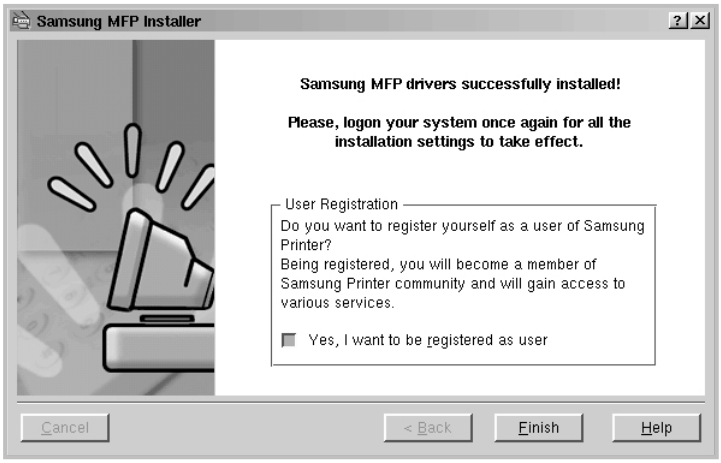
NOTE: The installation program runs automatically if you have an autorun software package installed and configured.

4 Click **Install**.

5 When the welcome screen appears, click **Next**.

Samsung MFP Installer
Welcome to the Samsung MFP drivers installation wizard!
This program will install all necessary software for Samsung multi-functional printers (MFP).
Click Next to continue with the Setup program.
Cancel
< Back
Next >
Help

6 When the installation is completed, click **Finish**.

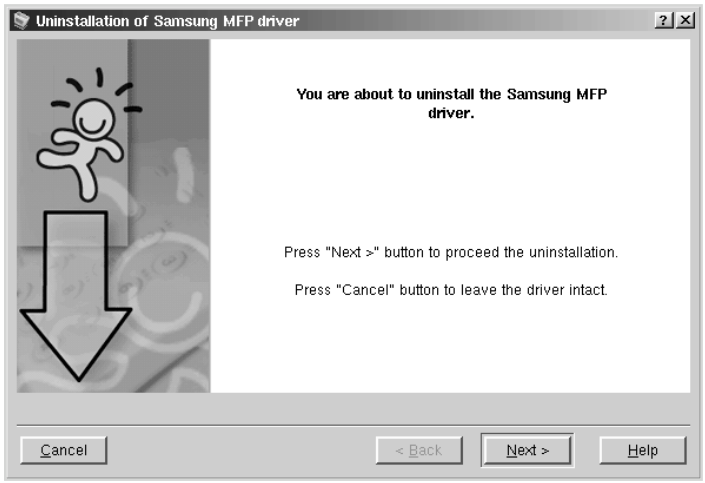

Samsung MFP Installer
Samsung MFP drivers successfully installed!
Please, logon your system once again for all the installation settings to take effect.
User Registration
Do you want to register yourself as a user of Samsung Printer?
Being registered, you will become a member of Samsung Printer community and will gain access to various services.
Yes, I want to be registered as user
Cancel
< Back
Finish
Help

The installation program has added the MFP Configurator desktop icon and Samsung MFP group to the system menu for your convenience. If you have any difficulties, consult the on-line help that is available through your system menu or can otherwise be called from the driver package windows applications, such as MFP Configurator or Image Editor.

Uninstalling the MFP Driver

1 From the Startup Menu icon at the bottom of the desktop, select **Samsung MFP** and select **Samsung MFP 750 Series Uninstall**.

2 Click **Next**.


Uninstallation of Samsung MFP driver
You are about to uninstall the Samsung MFP driver.
Press "Next >" button to proceed the uninstallation.
Press "Cancel" button to leave the driver intact.
Cancel
< Back
Next >
Help

3 Click **Finish**.

Using the MFP Configurator

MFP Configurator is a tool primarily intended for configuring MFP devices. Since an MFP device combines the printer and scanner, the MFP Configurator provides options logically grouped for printer and scanner functions. There is also a special MFP port option responsible for the regulation of access to an MFP printer and scanner via a single I/O channel.

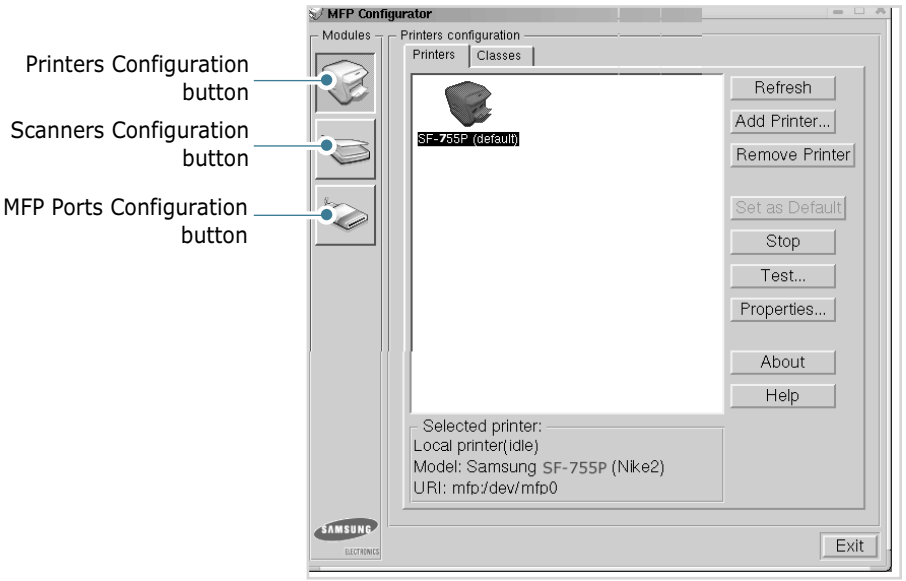
After installing the MFP driver (see page 7.15), the MFP Configurator icon will automatically be created on your desktop.

Opening the MFP Configurator

1 Double-click **MFP Configurator** on the desktop.

You can also click the Startup Menu icon and select **Samsung MFP** and then **MFP Configurator**.

2 Press each button on the Modules pane to switch to the corresponding configuration window.



You can use the on-line help by clicking **Help**.

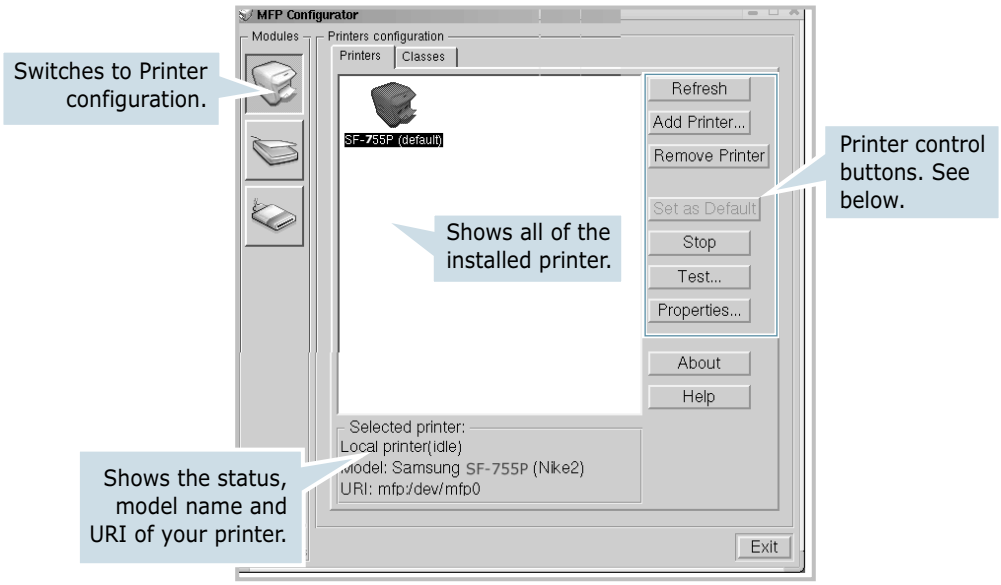
3 After changing the configurations, click **Exit** to close the MFP Configurator.

Printers Configuration

Printers Configuration has the two tabs; **Printers** and **Classes**.

Printers Tab

You can see the current system's printer configuration by clicking on the printer icon button on the left side of MFP Configurator window.

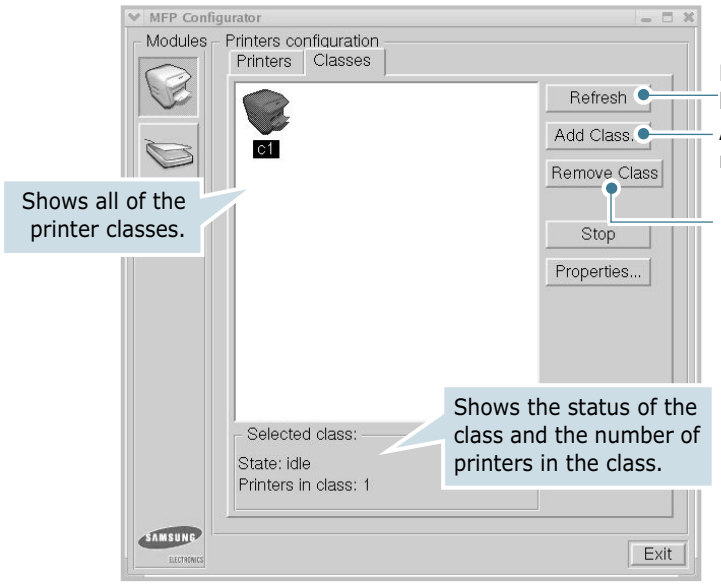


You can use the following printer control buttons:

- **Refresh**: renews the available printers list.
- **Add Printer**: allows you to add a new printer.
- **Remove Printer**: removes the selected printer.
- **Set as Default**: sets the current printer as a default printer.
- **Stop**/**Start**: stops/starts the printer.
- **Test**: allows you to print a test page to check if the machine is working properly.
- **Properties**: allows you to view and change the printer properties. For details, see page 7.22.

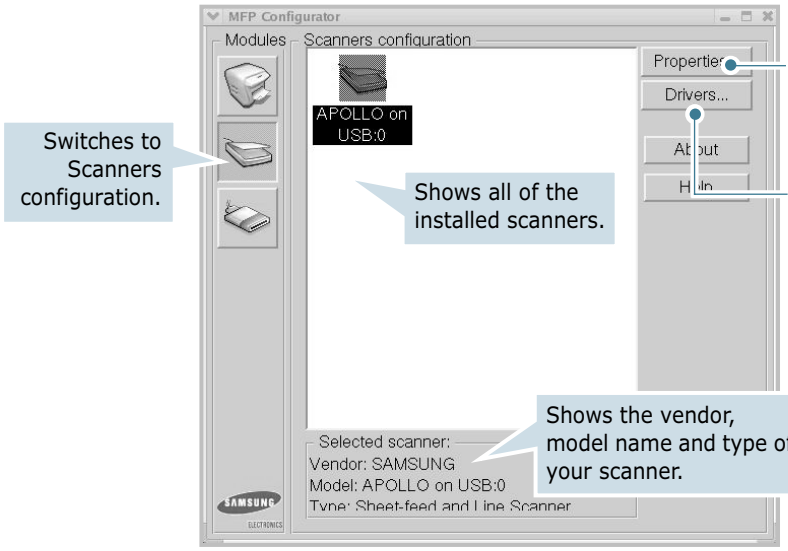
Classes Tab

The Classes tab shows the list of the available printer classes.



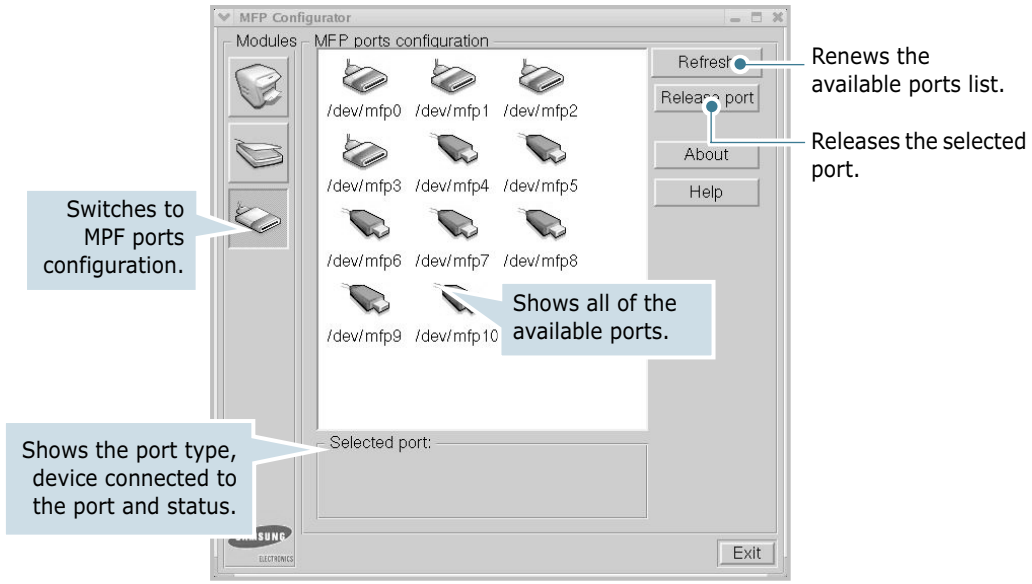
Scanners Configuration

In this window, you can monitor activity of scanner devices, view the list of installed Samsung MFP devices, change device properties, and scan images.


MFP Configurator
Modules
Scanners configuration
APOLLO on USB:0
Properties...
Drivers...
About
Help
Selected scanner:
Vendor: SAMSUNG
Model: APOLLO on USB:0
Type: Sheet-feed and Line Scanner
Switches to Scanners configuration.
Shows all of the installed scanners.
Allows you to change the scan properties and scan a document. See page 7.25.
Allows you to monitor the activity of the scan drivers.
Shows the vendor, model name and type of your scanner.

MFP Ports Configuration

In this window, you can view the list of available MFP ports, check the status of each port and release a port that is stalled in busy state when its owner is terminated for any reason.



Sharing Ports Between Printers and Scanners

Your machine may be connected to a computer via the parallel port or USB port. Since the MFP device contains more than one device (printer and scanner), it is necessary to organize proper access of "consumer" applications to these devices via the single I/O port.

The Samsung MFP driver package provides an appropriate port sharing mechanism that is used by Samsung printer and scanner drivers. The drivers address their devices via so-called MFP ports. The current status of any MFP port can be viewed by Checking MFP ports status. The port sharing prevents you from accessing one functional block of the MFP device, while another block is in use.

When you install a new MFP printer onto your system, it is strongly recommended you do this with the assistance of an MFP Configurator. In this case you will be asked to choose I/O port for the new device. This choice will provide the most suitable configuration for MFP's functionality. For MFP scanners I/O ports are being chosen by scanner drivers automatically, so proper settings are applied by default.

Configuring Printer Properties

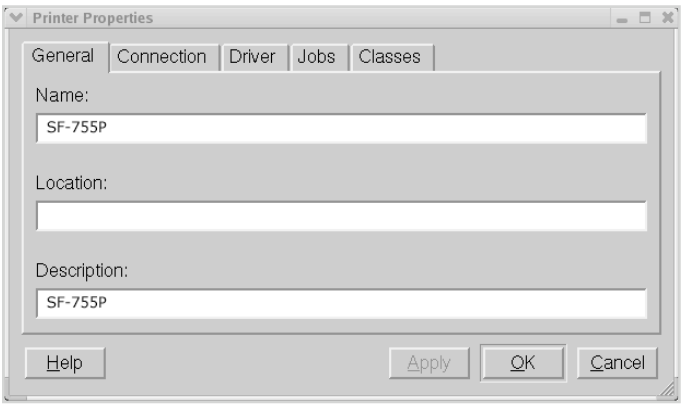
Using the properties window provided by the Printers configuration, you can change the various properties for your machine as a printer.

1 Open the MFP Configurator.

If necessary, switch to Printers configuration.

2 Select your machine on the available printers list and click **Properties**.

3 The Printer Properties window opens.



The following five tabs display at the top of the window:

- **General**: allows you to change the printer location and name. The name entered in this tab displays on the printer list in Printers configuration.
- **Connection**: allows you to view or select another port. If you change the printer port from USB to parallel or vice versa while in use, you must re-configure the printer port in this tab.
- **Driver**: allows you to view or select another printer driver. By clicking **Options**, you can set the default device options.
- **Jobs**: shows the list of print jobs. Click **Cancel job** to cancel the selected job and select the **Show completed jobs** check box to see previous jobs on the job list.
- **Classes**: shows the class that your printer is in. Click **Add to Class** to add your printer to a specific class or click **Remove from Class** to remove the printer from the selected class.

4 Click **OK** to apply the changes and close the Printer Properties Window.

Printing a Document

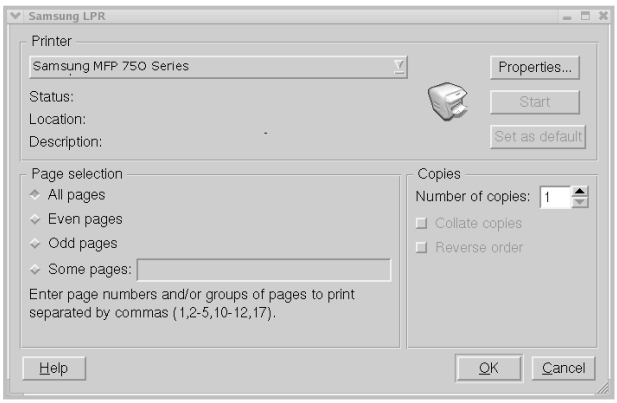
Printing from Applications

There are a lot of Linux applications that you are allowed to print from using CUPS. You can print on your machine from any such application.

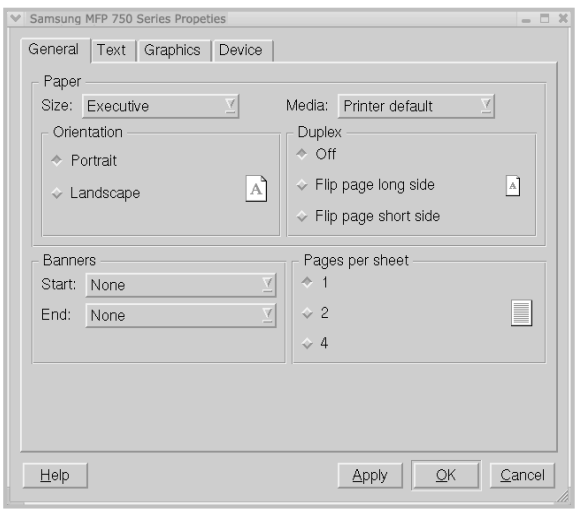
1 From the application you are using, select **Print** from the **File** menu.

2 Select **Print** directly using **lpr**.

3 In the Samsung LPR window, select the model name of your machine from the Printer list and click **Properties**.



4 Change the printer and print job properties.



The following four tabs display at the top of the window.

- **General** - allows you to change the paper size, the paper type and the orientation of the documents, enables the duplex feature, adds start and end banners and changes the number of pages per sheet.
- **Text** - allows you to specify the page margins and set the text options, such as spacing or colums.
- **Graphics** - allows you to set image options that are used when printing images/files, such as color options, image size or image position.
- **Device**: allows you to set the print resolution, paper source and destination.

5 Click **OK** to apply the changes and close the Properties window.

6 Click **OK** in the Samsung LPR window to start printing.

7 The Printing window appears to allow you to monitor the status of your print job.

To abort the current job, click **Cancel**.

Printing Files

You can print many different types of files on the Samsung MFP device using the standard CUPS way - directly from the command line interface. The CUPS lpr utility allows you do that. But the drivers package replaces the standard lpr tool by a much more user-friendly Samsung LPR program.

To print any document file:

1 Type *lpr <file_name>* from the Linux shell command line and press **Enter**. The Samsung LPR window appears.

When you type only *lpr* and press **Enter**, the Select file(s) to print window appears first. Just select any files you want to print and click **Open**.

2 In the Samsung LPR window, select your printer from the list, and change the printer and print job properties.

For details about the properties window, see page 7.23.

3 Click **OK** to start printing.

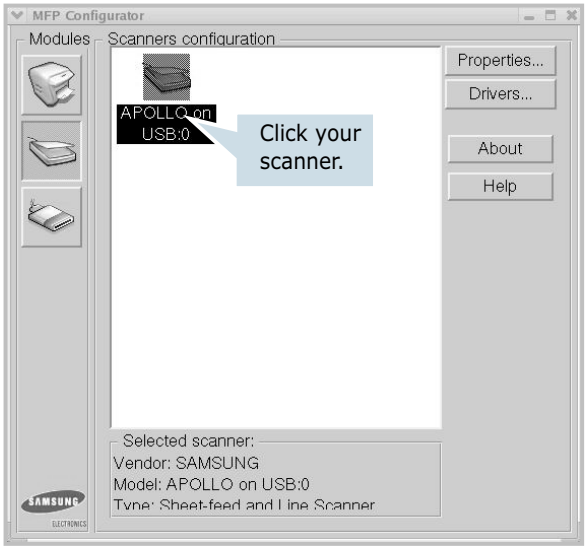
Scanning a Document

You can scan a document using the MFP Configurator window.

1 Double-click the MFP Configurator on your desktop.

2 Click the button to switch to Scanners Configuration.

3 Select the scanner on the list.



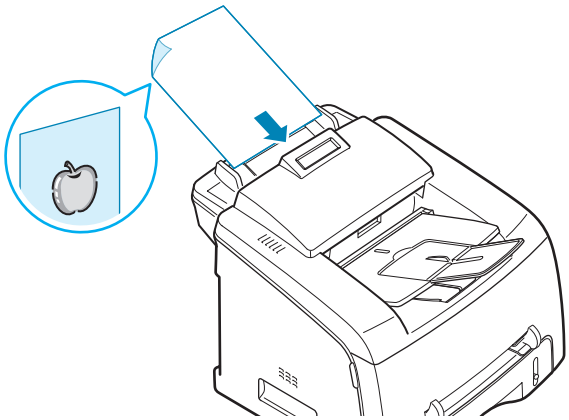
When you have only one MFP device and it is connected to the computer and turned on, your scanner appears on the list and is automatically selected.

If you have two or more scanners attached to your computer, you can select any scanner to work at any time. For example, while acquisition is in progress on the first scanner, you may select the second scanner, set the device options and start the image acquisition simultaneously.

NOTE: The scanner name shown in Scanners configuration can be different from the device name.

4 Click **Properties**.

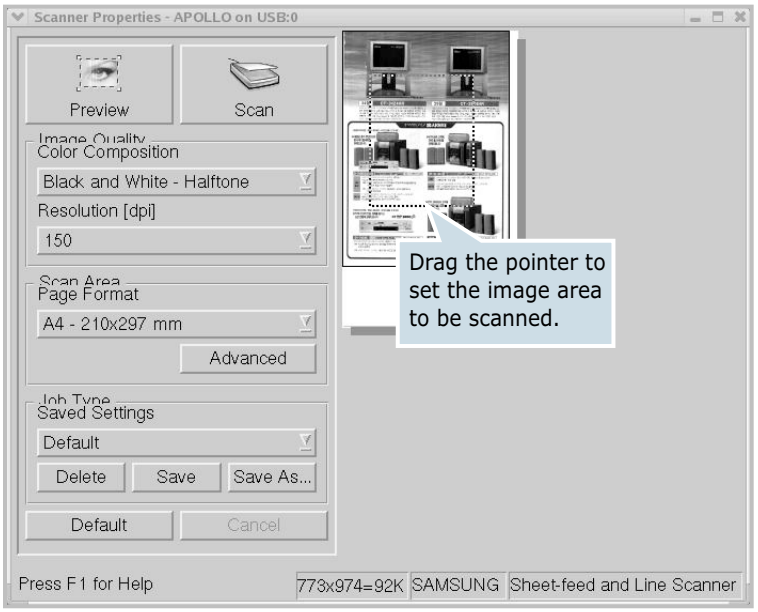
5 Load the document(s) to be scanned **face down** into the ADF (Automatic Document Feeder) and adjust the document guides.



For detailed guidelines for preparing an original document, see page 4.2.

6 Click **Preview** in the Scanner Properties window.

The document is scanned and the image preview appears in the Preview Pane.



7 Change the scan options in the Image Quality and Scan Area sections.

- **Image Quality**: allows you to select the color composition and the scan resolution for the image.
- **Scan Area**: allows you to select the page size. The **Advanced** button enables you to set the page size manually.

If you want to use one of the preset scan option settings, select from the Job Type drop-down list. For details about the preset Job Type settings, see page 7.28.

You can restore the default setting for the scan options by clicking **Default**.

8 When you have finished, press **Scan** to start scanning.

The status bar appears on the bottom left of the window to show you the scanning progress. To cancel scanning, press **Cancel**.

9 The scanned image appears in the new Image Editor window.

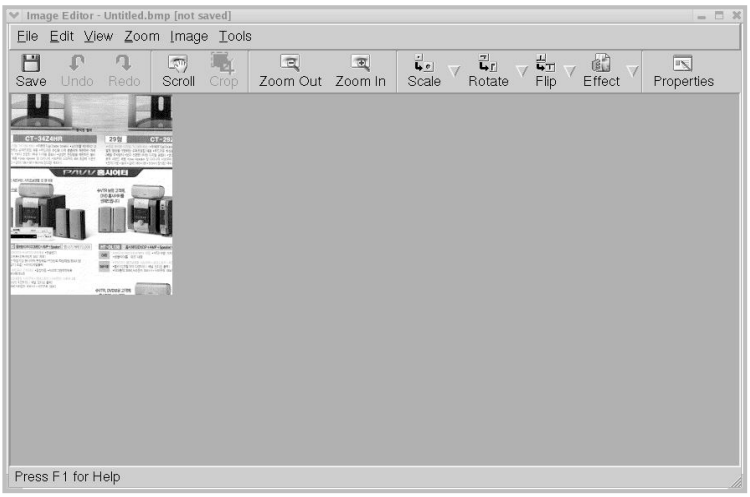


Image Editor - Untitled.bmp [not saved]
File Edit View Zoom Image Tools
Save Undo Redo Scroll Crop Zoom Out Zoom In Scale Rotate Flip Effect Properties
Press F1 for Help

If you want to edit the scanned image, use the toolbar. For further details about editing the image, see page 7.29.

10 When you are finished, click **Save** on the toolbar.

11 Select the file directory where you want to save the image and enter the file name.

12 Click **Save**.

Using Preset Job Type Settings

You can save your scan option settings to retrieve for a later scanning.

To save a new Job Type setting:

1. Change the options from the Scanner Properties window.
2. Click **Save As**.
3. Enter the name for your setting.
4. Click **OK**.

   Your setting is added to the Saved Settings drop-down list.

To save a Job Type setting for the next scan job:

1. Select the setting you want to use from the Job Type drop-down list.
2. Click **Save**.

   The next time you open the Scanner Properties window, the saved setting is automatically selected for the scan job.

To delete a Job Type setting:

1. Select the setting you want to delete from the Job Type drop-down list.
2. Click **Delete**.

   The setting is deleted from the list.

Using the Image Editor

The Image Editor window provides you with menu commands and tools to edit your scanned image.

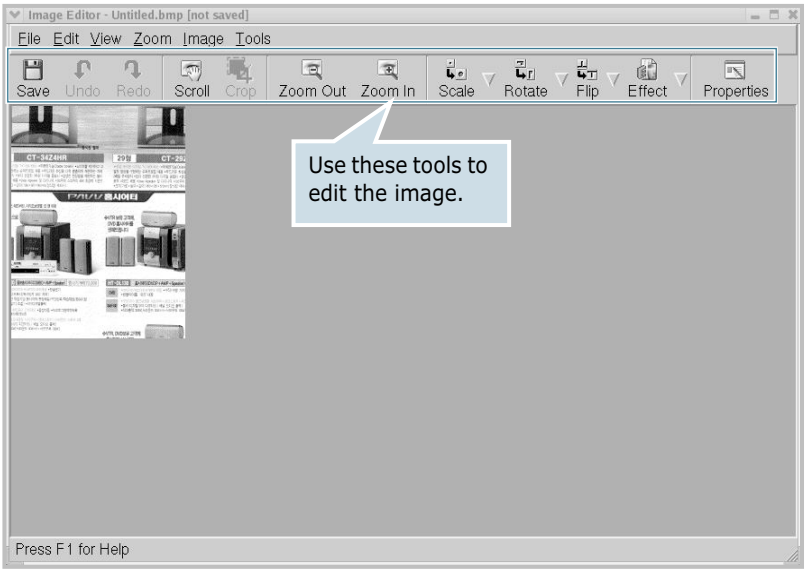
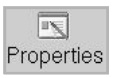


Image Editor - Untitled.bmp [not saved]
File Edit View Zoom Image Tools
Save Undo Redo Scroll Crop Zoom Out Zoom In Scale Rotate Flip Effect Properties
Use these tools to edit the image.
Press F1 for Help

You can use the following tools to edit the image:

Tools	Function
Save	Saves the image.
Undo	Cancels your last action.
Redo	Restores the action you canceled.
Scroll	Allows you to scroll through the image.
Crop	Crops the selected image area.
Zoom Out	Zooms the image out.
Zoom In	Zooms the image in.

Tools	Function
	Allows you to scale the image size; you can enter the size manually, or set the rate to scale porportionally, vertically or horizontally.
	Allows you to rotate the image; you can select the number of degrees from the drop-down list.
	Allows you to flip the image vertically or horizontally.
	Allows you to adjust the brightness or contrast of the image, or to invert the image.
	Shows the properties of the image.

For further details about the Image Editor program, refer to the on-line help.

8 MAINTENANCE

This chapter provides information for maintaining your machine and the toner cartridge.

This chapter includes:

- **Clearing the Memory**
- **Adjusting Shading**
- **Cleaning Your Machine**
- **Maintaining the Toner Cartridge**
- **Consumables and Replacement Parts**
- **Replacing the ADF Rubber Pad**

Clearing the Memory

You can selectively clear information stored in your machine's memory.

1. Press **Menu** on the control panel until "Maintenance" appears on the top line of the display.

2. Press the scroll button (◄ or ►) until you see "Clear Memory" on the bottom line and press **Enter**.

   The first available menu item, "Clear All Mem." displays on the bottom line.

3. Press the scroll button (◄ or ►) until you see the item you want to clear.
   - Clear All Mem.: Clears all of the data stored in memory and resets all of your settings to the factory default.
   - Paper Setting: Restores all of the Paper Setting options to the factory default.
   - Copy Setup: Restores all of the Copy Setup options to the factory default.
   - Fax Setup: Restores all of the Fax Setup options to the factory default.
   - Fax Feature: Cancels all of the scheduled fax jobs in the machine's memory.
   - Advanced Fax: Restores all of the Advanced Fax setting options to the factory default.
   - Sound/Volume: Resets the sound and volume settings to the factory default.
   - Machine Setup: Resets all of the system settings, such as the machine ID, time and date, display language and save modes, to the factory default.
   - Sent Report: Clears all the records of your faxes sent.
   - RCV Report: Clears all the records of your faxes received.
   - Phone Book: Clears the one-touch, speed and group dial numbers stored in memory.

4. Press **Enter**. The selected memory is cleared and the display asks you to continue clearing the next item.

5 To clear another item, press **Enter** and repeat steps 3 and 4.

OR

To return to Standby mode, press **Stop/Clear**.

Adjusting Shading

When the scanning glass becomes dirty, it can alter the shading value. If your copy has black lines or is blurred, adjust the shading setting.

1 Load a sheet of white paper into the ADF.

2 Press **Menu** on the control panel until "Maintenance" appears on the top line of the display.

3 Press the scroll button (◄ or ►) until "Adjust Shading " appears on the bottom line and press **Enter**.

4 Press the scroll button (◄ or ►) to select "On" and press **Enter**.

Your machine picks up the paper and adjusts the shading value.

Cleaning Your Machine

To maintain the print quality, follow the cleaning procedures below each time the toner cartridge is replaced or if print quality problems occur.

NOTES:
- While cleaning the inside of the machine, be careful not to touch the transfer roller, located underneath the toner cartridge. Oil from your fingers can cause print quality problems.
- Cleaning the cabinet of your machine with products containing large amounts of alcohol, solvent or other strong substances can discolor or crack the cabinet.

Cleaning the Outside

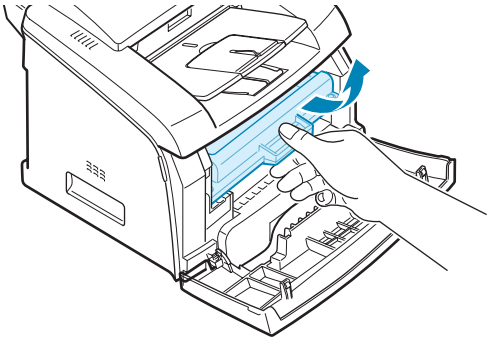
Clean the cabinet of the machine with a soft lint-free cloth. You can dampen the cloth slightly with water, but be careful not to let any water drip onto or inside the machine.

Cleaning the Inside

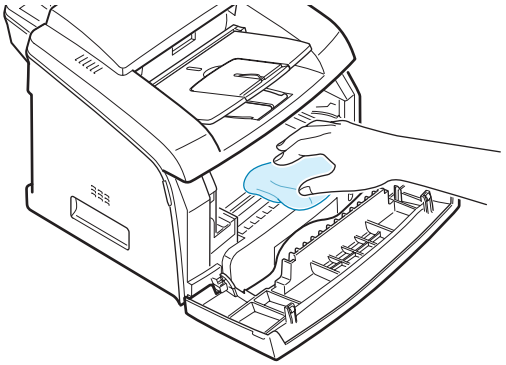
During the printing process, paper, toner and dust particles can accumulate inside the machine. This buildup can cause print quality problems, such as toner specks or smearing. Cleaning the inside of the machine clears or reduces these problems.

1. Turn the machine off and unplug the power cord. Wait for the machine to cool down.

2. Open the front cover and pull the toner cartridge out, lightly pushing it down.



3. With a dry lint-free cloth, wipe away any dust and spilled toner from the toner cartridge area and the toner cartridge cavity.



CAUTION: To prevent damage to the toner cartridge, do not expose it to light for more than a few minutes. Cover it with a piece of paper, if necessary. Do not touch the black transfer roller inside the machine.

4 Reinsert the toner cartridge and close the cover.

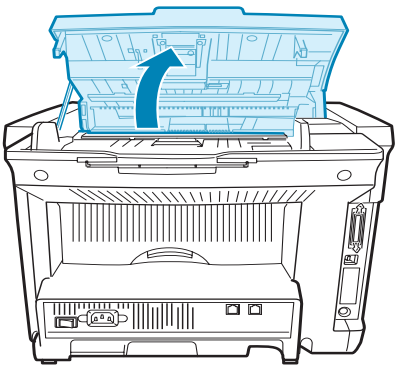
5 Plug in the power cord and turn the machine on.

Cleaning the Scanning Glass

Keeping the scanning glass clean helps ensure the best possible copies. We suggest that you clean the scanning glass at the start of each day and during the day, as needed.

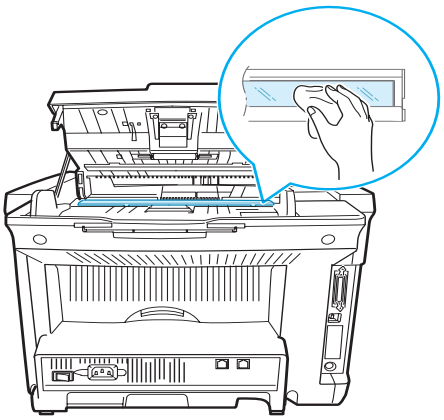
1 Slightly dampen a soft lint-free cloth or paper towel with water.

2 Open the control panel by gripping its top and pulling it.



3 Carefully wipe the scanning glass with a soft dry cloth.

If the glass is very dirty, first wipe it with a slightly dampened cloth, and then with a dry cloth. Be very careful not to scratch the glass surface.



4 Close the control panel firmly until it clicks into place.

CAUTION: When closing the ope control, strongly push the LCD projection part in the center portion of ope control. If it is not fully closed, JAM is likely to occur.

Maintaining the Toner Cartridge

Toner Cartridge Storage

To get the most from the toner cartridge, keep the following guidelines in mind:

- Do not remove the toner cartridge from its package until it is ready to use.
- Do not refill the toner cartridge. **The machine warranty does not cover damage caused by using a refilled cartridge.**
- Store toner cartridges in the same environment as your machine.
- To prevent damage to the toner cartridge, do not expose it to light for more than a few minutes.

Saving Toner

To save toner, press the **Toner Save** button on the control panel; see page 1.37. The button backlight turns on. Using this feature extends the life of the toner cartridge and reduces your cost per page, but it also reduces the print quality.

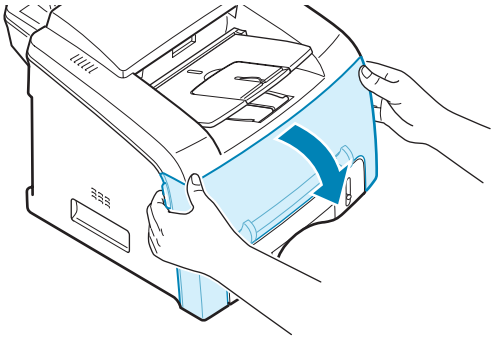
Expected Cartridge Life

The life of the toner cartridge depends on the amount of toner that print jobs require. When printing text at IDC 5 % coverage, a new toner cartridge lasts an average of 3,000 pages. The actual number may be different depending on the print density of the page you print on. If you print a lot of graphics, you may need to change the cartridge more often.

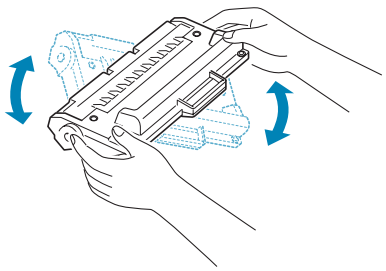
Redistributing Toner

When the toner cartridge is near the end of its life, white streaks or light print occurs. The LCD displays the warning message, "[Toner Low]." You can temporarily reestablish the print quality by redistributing the remaining toner in the cartridge.

1 Open the front cover.



2 Pull the toner cartridge out and gently roll the cartridge 5 or 6 times to distribute the toner evenly inside the cartridge.



NOTE: If the toner gets on your clothing, wipe it off with a dry cloth and wash clothing in cold water. Hot water sets the toner into fabric.

3 Reinstall the cartridge and close the front cover.

Replacing the Toner Cartridge

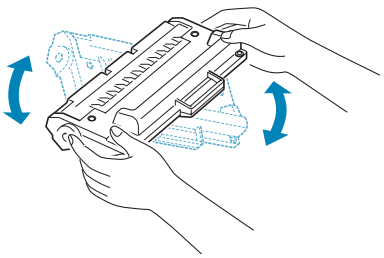
When the toner eventually runs out, only blank pages print when a print job is sent or when a fax is received. At this stage, the toner cartridge needs to be replaced. The display on the control panel shows the warning message, "[Toner Empty]" and the machine stops printing.

NOTE: You can set the machine to ignore the "[Toner Empty]" message and continue printing. See page 8.10.

1 Open the front cover.

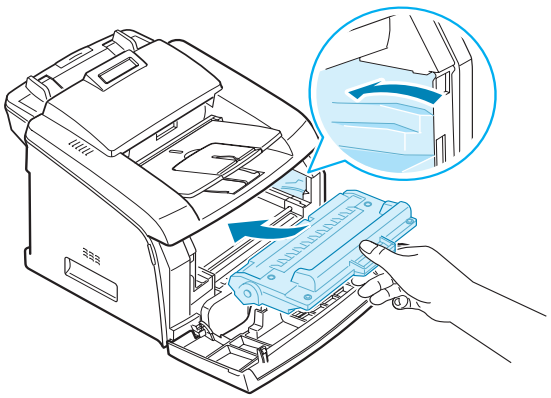
2 Lightly pushing the used cartridge down, pull the cartridge out.

3 Unpack the new toner cartridge and gently roll it horizontally four or five times to distribute the toner evenly inside the cartridge.



Save the box and the plastic bag for shipping.

4 Slide the new toner cartridge in until it locks into place.



5 Close the front cover.

Setting the Notify Toner Option

If you have set the Notify Toner menu option to "On", your machine automatically sends a fax to your service company or the dealer to notify them that your machine requires a new toner cartridge when the toner cartridge needs to be replaced. The fax number is preset by your dealer when you bought your machine.

1. Press **Menu** on the control panel until "Maintenance" appears on the top line of the display.

   The first available menu item, "Clean Drum," displays on the bottom line.

2. Press the scroll button (◄ or ►) to display "Notify Toner " on the bottom line and press **Enter**.

3. Press the scroll button (◄ or ►) to change the setting.

   Select "On" to enable this feature. Selecting "Off" disables this feature.

4. Press **Enter** to save the selection.

Cleaning the Drum

If there are streaks or spots on your print, the OPC drum of the cartridge may require cleaning.

1. Before setting the cleaning procedure, make sure that paper is loaded in the machine.

2. Press **Menu** on the control panel until "Maintenance" appears on the top line of the display.

   The first available menu item, "Clean Drum," displays on the bottom line.

3. Press **Enter**.

4. When the display asks you to confirm your selection, press **Enter**.

   The machine prints a cleaning page. Toner particles on the drum surface are affixed to the paper.

5. If the problem remains, repeat steps 1 through 4.

Ignoring the Toner Empty Message

When the toner cartridge is empty, the machine shows a "[Toner Empty]" message and stops printing.

You can set the machine to ignore the message when it displays and to continue printing the pages.

1. Press **Menu** until "Machine Setup" appears on the display.
2. Press the scroll button (◄ or ►) until "Ignore Toner" appears on the bottom line and press **Enter**.
3. Press the Scroll button (◄ or ►) to select "On" or "Off."

   Select "On" to ignore the Toner Empty message.

   Select "Off" to stop printing when the message appears. This is the default setting.
4. Press **Enter** to save the selection.

Consumables and Replacement Parts

From time to time, you need to replace the toner cartridge, roller, and fuser unit to maintain top performance and to avoid print quality problems and paper feed problems resulting from worn parts.

The following items should be replaced after you have printed a specified number of pages:

Items	Yield (Average)
ADF rubber pad	20,000
ADF roller	60,000
Paper feeding roller	60,000
Transfer roller	60,000
Fuser unit	60,000

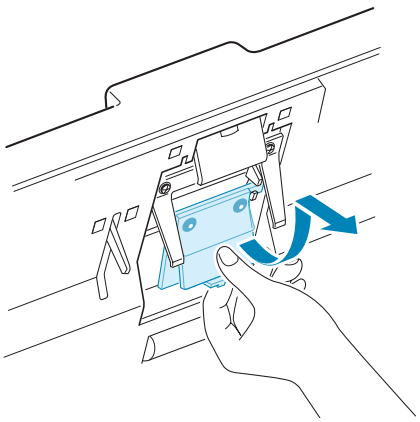
To purchase the consumables and replacement parts, contact your Samsung dealer or the retailer where you bought your machine. We strongly recommend that items be installed by a trained service professional, except for the toner cartridge (see page 8.8) and the ADF rubber pad (see page 8.11).

Replacing the ADF Rubber Pad

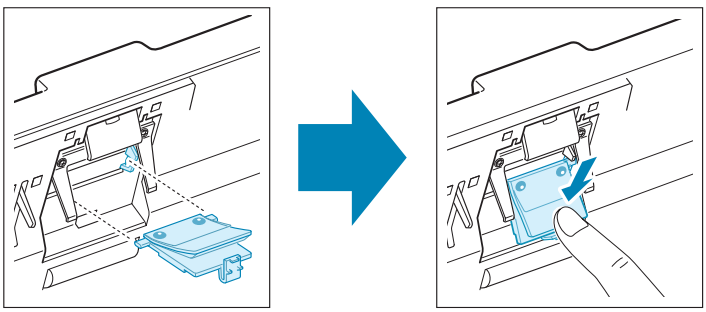
You can purchase an ADF rubber assembly from your Samsung dealer or the retailer where you bought your machine.

1 Open the control panel by gripping its top and pulling on it.

2 Squeeze the tab at the bottom of the ADF rubber assembly and then pull it out.



3 Insert the tabs at the top of the new ADF rubber assembly into the slots and then push it down until it locks into place.



4 Close the control panel firmly until it clicks into place.

MEMO

9 TROUBLESHOOTING

This chapter gives helpful information for what to do if you encounter an error.

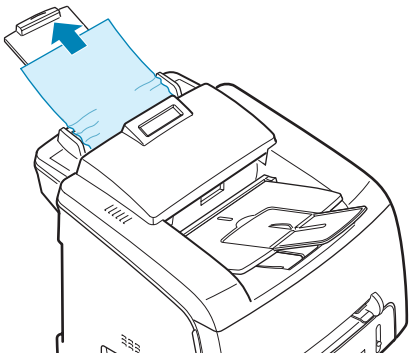
This chapter includes:

- **Clearing Document Jams**
- **Clearing Paper Jams**
- **Clearing LCD Error Messages**
- **Solving Problems**

Clearing Document Jams

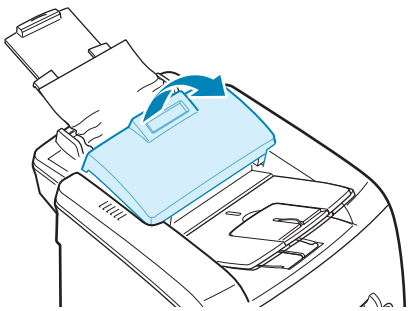
When a document jams while it passes through the ADF (Automatic Document Feeder), "[Document Jam]" appears on the display.

1. Remove the remaining documents from the ADF.
2. Pull the jammed document gently out of the ADF and skip to step 5.



If there is any resistance and the document does not move when you pull it, continue to the next step.

3. Open the control panel by gripping its top and pulling on it.



4. Pull the document gently out of the ADF and close the control panel.
5. Load the documents back into the ADF.

NOTE: To prevent document jams, do not use thick, thin or mixed documents.

CAUTION: When closing the ope control, strongly push the LCD projection part in the center portion of ope control. If it is not fully closed, JAM is likely to occur.

Clearing Paper Jams

When a paper jam occurs, "Paper Jam" appears on the display. Refer to the table below to locate and clear the paper jam.

Message	Location of Jam	Go to
[Paper Jam 0] Open/Close Door	In the paper tray. (Tray 1 or Tray 2)	page 9.3
[Paper Jam 1] Open/Close Door	In the fuser area or around the toner cartridge. In the manual feeder	page 9.6
[Paper Jam 2] Check Inside	In the paper exit area	page 9.5

To avoid tearing the paper, pull the jammed paper out gently and slowly. Do as the instructions in the following sections to clear the jam.

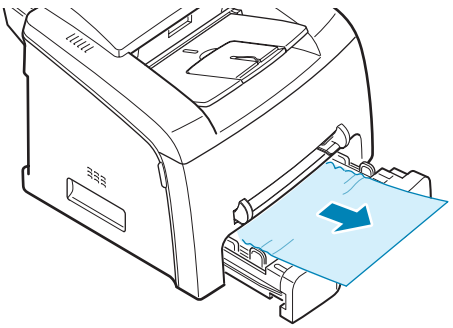
In Tray 1

1 Open and close the front cover. The jammed paper automatically exits the machine.

If the paper does not exit, continue to step 2.

2 Pull Tray 1 open.

3 Remove the jammed paper by gently pulling it straight out.



If there is any resistance and the paper does not move when you pull it or if you cannot see the paper in this area, skip to the fuser area around the toner cartridge. See page 9.6.

4 Insert the paper tray into the machine until it snaps into place.

5 Open and close the front cover to resume printing.

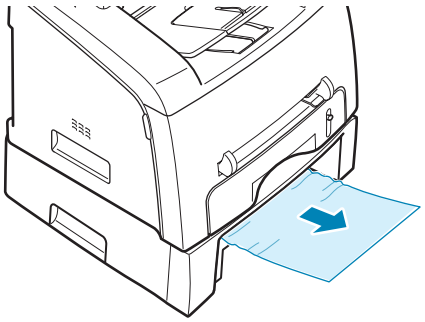
In Tray 2

1 Open and close the front cover. The jammed paper automatically exits the machine.

If the paper does not exit, continue to step 2.

1 Pull Tray 2 open.

2 Remove the jammed paper by gently pulling it straight out.



3 Insert the paper tray into the machine until it snaps into place.

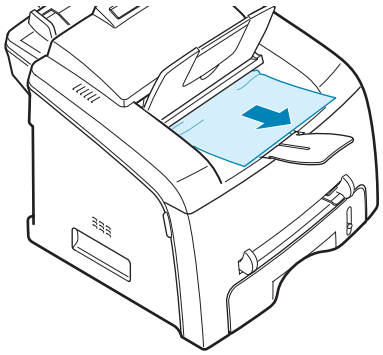
4 Open and close the front cover to resume printing.

In the Paper Exit Area

1 Open and close the front cover. The jammed paper automatically exits the machine.

If the paper does not exit, continue to step 2.

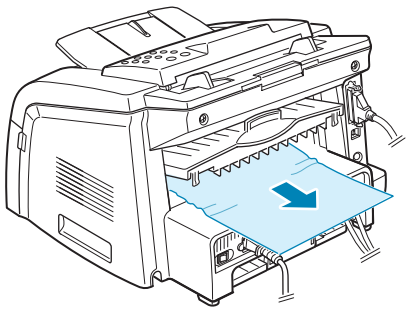
2 Gently pull the paper out of the front output tray. Skip to step 6.



If there is any resistance and the paper does not move when you pull it or if you cannot see the paper in the front output tray, continue to step 3.

3 Open the rear cover.

4 Remove the jammed paper by gently pulling it straight out.



5 Close the rear cover.

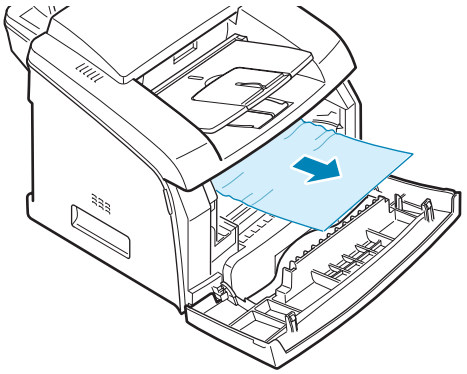
6 Open and close the front cover to resume printing.

In the Fuser Area or Around the Toner Cartridge

NOTE: The fuser area is hot. Take care when removing paper from the machine.

1 Open the front cover and pull the toner cartridge out, lightly pushing it down.

2 Remove the jammed paper by gently pulling it straight out.

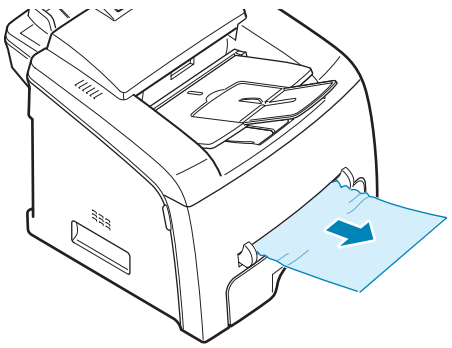


3 Replace the toner cartridge and close the front cover. Printing automatically resumes.

In the Manual Feeder

" [Paper Jam 1] Open/Close Door " appears on the display when you try to print using the manual feeder and the machine does not detect paper, due to no paper or improper paper loading.

The error message may also occur when the paper is not properly fed into the machine through the manual feeder. In that case, pull the paper out of the machine.

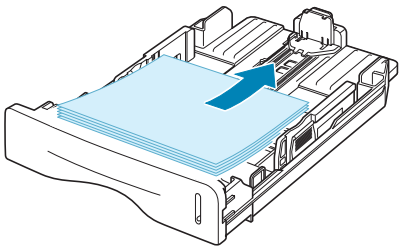


Tips for Avoiding Paper Jams

By selecting the correct paper types, most paper jams can be avoided. When a paper jam occurs, follow the steps outlined in page 9.3.

- Follow the procedures on page 1.11 when you load paper. Ensure that the adjustable guides are positioned correctly.
- Do not overload the paper tray. Ensure that the paper is below the paper capacity mark on the inside wall of the paper tray.
- Do not remove the paper from the tray while your machine is printing.
- Flex, fan and straighten the paper before loading.
- Do not use creased, damp or highly curled paper.
- Do not mix paper types in the paper tray.
- Use only recommended print materials. See "Paper Specifications" on page A.9.
- Ensure that the print side of print materials is facing down in the paper tray and facing up in the manual feeder.
- If paper jams frequently occur when you print on the A5-sized paper:

  - Load the paper into the tray as shown below.



  - Set the page orientation to **Landscape** in the printer's Properties window. See page 3.3.

Clearing LCD Error Messages

Messages appear on the display of the control panel to indicate the machine's status or errors. Refer to the following table to understand the messages and correct the problem, if necessary. Messages and their meanings are listed in alphabetical order.

Display	Meaning	Suggested solutions
Cancel ? 1:Yes 2:No	Your machine's memory has become full while documents were being loaded into memory.	To cancel the fax job, press the No **1** button "Yes." If you want to send the pages already stored, press the No **2** button "No." You should send the remaining pages later when the memory is available.
[Comm. Error]	The machine has a communication problem.	Ask the sender to try again.
CRU Fuse Error	The machine has a problem with recognizing the new toner cartridge.	Please contact a service representative or re-install the catridge.
[Document Jam]	The loaded document has jammed in the ADF (Automatic Document Feeder).	Clear the document jam. See page 9.2.
[Door Open]	The front or rear cover is not securely latched.	Close the cover until it locks into place.
Group Not Available	You have tried to select a group location number where only a single location number can be used, such as when adding locations for a broadcasting operation.	Just use a one-touch or speed dial number or dial a number manually using the number keypad.
[Incompatible]	The remote machine does not have the requested feature, such as a delayed transmission. It also occurs if the remote machine does not have enough memory space to complete the operation you are attempting.	Reconfirm the remote machine's features.

Display	Meaning	Suggested solutions
[Jam 1] or [No Cartridge]	The toner cartridge is not installed.	Install the toner cartridge. See page 1.9.
[Line Busy]	The remote person did not answer or the line is already engaged.	Try again after a few minutes.
[Line Error]	Your machine cannot connect with the remote machine or has lost contact because of a problem with the phone line.	Try again. If the problem persists, wait an hour or so for the line to clear and try again. Or, turn the ECM on. See page 6.34.
Load Document	You have attempted to set up a copy or fax operation with no document loaded.	Load a document and try again.
Low Heat Error Open Heat Error [Over Heat]	There is a problem in the fuser unit.	Unplug the power cord and plug it back in. If the problem persists, please contact a service representative.
[LSU Error]	A problem has occurred in the LSU (Laser Scanning Unit).	Unplug the power cord and plug it back in. If the problem persists, please call for service.
Memory Full	The memory is full.	Delete unnecessary documents, retransmit after more memory becomes available or split the transmission into more than one operation.
[No Answer]	The remote fax machine has not answered after several redial attempts.	Try again. Make sure that the remote machine is operational.
No. Not Assigned	The one-touch or speed dial location you tried to use has no number assigned to it.	Dial the number manually using the number keypad or assign the number. For storing a number, see "Automatic Dialing" on page 6.15.
[No Paper] Add Paper	The paper tray has run out of paper.	Load paper in the paper tray. See page 1.11.
Operation Not Assigned	You are in the Add/Cancel operation, but there are no jobs waiting.	Check the display to see if there are any scheduled jobs. The display should indicate them in Standby mode, for example, Delay Fax.

Display	Meaning	Suggested solutions
[Paper Jam 0] Open/Close Door	Paper has jammed in the feeding area of the paper tray.	Clear the jam. See page 9.3.
[Paper Jam 1] Open/Close Door	• Paper has jammed in the paper exit area. • A paper jam has occurred in the manual feeder or the machine detects non-feeding from the manual feeder.	• Clear the jam. See page 9.6. • Clear the jam. See page 9.6
[Paper Jam 2] Check Inside	Paper has jammed in the fuser area.	Clear the jam. See page 9.5.
[Power Failure]	Power has turned off then on and the machine's memory has not been saved.	You need to restart the job you were trying to do before the power failure.
[Retry Redial?]	The machine is waiting for a specified time interval to redial a previously busy station.	You can press **Enter** to immediately redial, or **Stop/Clear** to cancel the redial operation.
[Stop Pressed]	The **Stop/Clear** button is pressed during a copy or fax operation.	Try again.
[Toner Empty]	The toner cartridge has run out. The machine stops printing.	Replace with a new toner cartridge. See page 8.8.
[Toner Low]	The toner cartridge is almost empty.	Take out the toner cartridge and gently shake it. By doing this, you can temporarily reestablish printing operations.

Solving Problems

The following chart lists some conditions that may occur and the recommended solutions. Follow the suggested solutions until the problem is corrected. If the problem persists, please call for service.

Paper Feeding Problems

Condition	Suggested solutions
Paper is jammed during printing.	Clear the paper jam. See page 9.3.
Paper sticks together.	• Ensure that there is not too much paper in the paper tray. The paper tray can hold up to 250 sheets of paper, depending on the thickness of your paper. • Make sure that you are using the correct type of paper. See "Paper Specifications" on page A.9. • Remove paper from the paper tray and flex or fan the paper. • Humid conditions may cause some paper to stick together.
Multiple sheets of paper do not feed.	• Different types of paper may be loaded in the paper tray. Load the paper of only one type, size and weight. • If multiple sheets have caused a paper jam, clear the paper jam. See page 9.3.
Paper does not feed into the machine.	• Remove any obstructions from inside the machine. • Paper has not been loaded correctly. Remove paper from the tray and reload it correctly. • There is too much paper in the paper tray. Remove excess paper from the tray. • The paper is too thick. Use only paper that meets the specifications required by the machine. See "Paper Specifications" on page A.9.
The paper keeps jamming.	• There is too much paper in the paper tray. Remove excess paper from the tray. • An incorrect type of paper is being used. Use only paper that meets the specifications required by the machine. See "Paper Specifications" on page A.9. If you are printing on special materials, use the manual feeder. • There may be debris inside the machine. Open the front cover and remove the debris.
Transparencies stick together in the paper exit.	Use only the transparencies specifically designed for a laser printer. Remove each transparency as it exits from the machine.
Envelopes skew or fail to feed correctly.	Ensure that the paper guides are against both sides of the envelopes.

Printing Problems

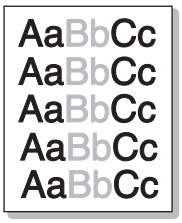
Condition	Possible cause	Suggested solutions
The machine does not print.	The machine is not receiving power.	Check the power cord connections. Check the power switch and the power source.
	The machine is not selected as the default printer.	Select **Samsung MFP 750 Series** as your default printer in your Windows.
	Check the machine for the following: • The front cover is not closed. • Paper is jammed. • No paper is loaded. • The toner cartridge is not installed.	After locating the problem, clear it. • Close the cover. • Clear the paper jam. See page 9.3. • Load paper. See page 1.11. • Install the toner cartridge. See page 1.9. If a printer system error occurs, contact your service representative.
	The connection cable between the computer and the machine is not connected properly.	Disconnect the printer cable and reconnect it.
	The connection cable between the computer and the machine is defective.	If possible, attach the cable to another computer that is working properly and print a document. You can also try using a different printer cable.
	The port setting is incorrect.	Check the Windows printer setting to make sure that the print job is sent to the correct port, for example, LPT1. If the computer has more than one port, make sure that the machine is attached to the correct one.
	The machine may be configured incorrectly.	Check the printer properties to ensure that all of the print settings are correct.
	The printer driver may be incorrectly installed.	Repair the printer software. See page 1.27.
	The machine is malfunctioning.	Check the display message on the control panel to see if the machine is indicating a system error.
The machine selects print materials from the wrong paper source.	The paper source selection in the printer properties may be incorrect.	For many software applications, the paper source selection is found under the **Paper** tab within the printer properties. Select the correct paper source. See page 3.8.

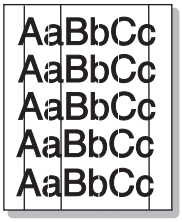
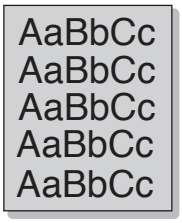
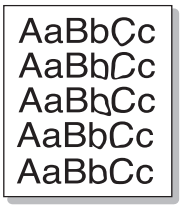
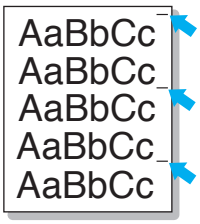
Condition	Possible cause	Suggested solutions
A print job is extremely slow.	The job may be very complex.	Reduce the complexity of the page or try adjusting the print quality settings. The maximum print speed of your machine is 17 PPM for Letter-sized paper 16 PPM for A4-sized paper.
	If you are using Windows 9x/Me, the Spooling Setting may be set incorrectly.	From the **Start** menu, choose **Settings** and **Printers**. Right-click the **Samsung MFP 750 Series** printer icon, choose **Properties**, click the **Details** tab, and then choose the **Spool Settings** button. Select the spool setting you want.
Half the page is blank.	The page orientation setting may be incorrect.	Change the page orientation in your application. See page 3.3.
	The paper size and the paper size settings do not match.	Ensure that the paper size in the printer driver settings matches the paper in the tray.
The machine prints, but the text is wrong, garbled or incomplete.	The printer cable is loose or defective.	Disconnect the printer cable and reconnect. Try a print job that you have already printed successfully. If possible, attach the cable and the machine to another computer and try a print job that you know works. Finally, try a new printer cable.
	The wrong printer driver was selected.	Check the application's printer selection menu to ensure that your machine is selected.
	The software application is malfunctioning.	Try printing a job from another application.
	The operating system is malfunctioning.	Exit Windows and reboot the computer. Turn the machine off and then back on again.
Pages print, but are blank.	The toner cartridge is defective or out of toner.	Redistribute the toner. if necessary. See page 8.7. If necessary, replace the toner cartridge.
	The file may have blank pages.	Check the file to ensure that it does not contain blank pages.
	Some parts, such as the controller or the board, may be defective.	Contact a service representative.

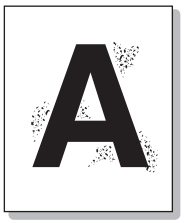
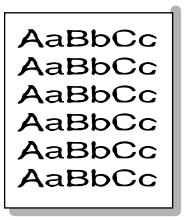
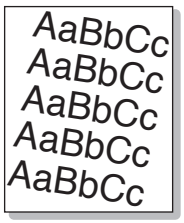
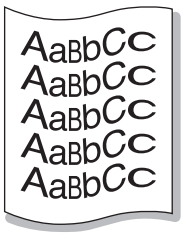
Condition	Possible cause	Suggested solutions
The illustrations print incorrectly in Adobe Illustrator.	The setting in the software application is wrong.	Select **Download as Bit Image** in the **Advanced Options** window of the Graphic properties and print the document.
An error occurs repeatedly when you are printing with the USB connection.	When the USB mode is set to "Fast," some PC users may experience poor USB communication.	Change the USB mode to "Slow." To do so, follow these steps: 1. Press **Menu** on the control panel until "Machine Setup" appears on the top line of the display. 2. Press the scroll button (◄ or ►) until "USB Mode" appears on the bottom line, and press **Enter**. 3. Press the scroll button (◄ or ►) to select "Slow." 4. Press **Enter** to save the selection. 5. Press **Stop/Clear** to return to Standby Mode.

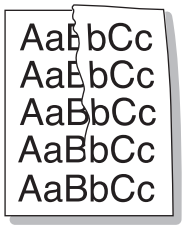
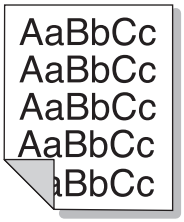
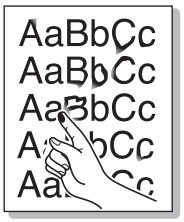
Printing Quality Problems

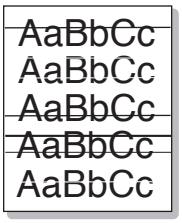
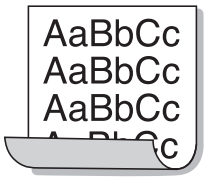
The dirty inside of the machine or improper paper loading may reduce the print quality. See the table below to clear the problem.

Condition	Suggested solutions
Light or faded print 	If a vertical white streak or faded area appears on the page: • The toner supply is low. You may be able to temporarily extend the toner cartridge life. See "Redistributing Toner" on page 8.7. If this does not improve the print quality, install a new toner cartridge. • The paper may not meet paper specifications; for example, the paper is too moist or too rough. See "Paper Specifications" on page A.9. • If the entire page is light, the print resolution setting is too low or Toner Save mode is on. Adjust the print resolution and turn Toner Save mode off. See page 3.9 and page 1.37 respectively. • A combination of faded or smeared defects may indicate that the toner cartridge needs cleaning. See "Cleaning the Drum" on page 8.9. • The surface of the scanning glass may be dirty. Clean the glass. See page 8.5.
Toner specs 	• The paper may not meet specifications; for example, the paper is too moist or too rough. See "Paper Specifications" on page A.9. • The transfer roller or paper path may be dirty. Clean the inside of your machine and the drum. See page 8.4 and page 8.9.
Dropouts 	If generally rounded faded areas, occur randomly on the page: • A single sheet of paper may be defective. Try reprinting the job. • The moisture content of the paper is uneven or the paper has moist spots on its surface. Try a different brand of paper. See "Paper Specifications" on page A.9. • The paper lot is bad. The manufacturing process can cause some areas to reject toner. Try a different kind or brand of paper. • The toner cartridge may be defective. Vertical repetitive defects on the next page. • If these steps do not correct the problems, contact a service representative.

Condition	Suggested solutions
Vertical lines 	If black vertical streaks appear on the page: • The drum inside the toner cartridge has probably been scratched. Remove the toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8.
Gray background 	If the amount of background shading becomes unacceptable: • Change to a lighter weight pages. See "Paper Specifications" on page A.9. • Check the machine's environment; very dry (low humidity) or high humidity (higher than 80 % RH) conditions can increase the amount of background shading. • Remove the old toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8.
Toner smear 	• Clean the inside of the machine. See page 8.4. • Check the paper type and quality. See "Paper Specifications" on page A.9. • Remove the toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8.
Vertical repetitive defects 	If marks repeatedly appear on the printed side of the page at even intervals: • The toner cartridge may be damaged. If a repetitive mark occurs on the page, print a cleaning sheet several times to clean the cartridge; see "Cleaning the Drum" on page 8.9. After the printout, if you still have the same problems, remove the toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8. • Parts of the machine may have toner on them. If the defects occur on the back of the page, the problem will likely correct itself after a few more pages. • The fusing assembly may be damaged. Contact a service representative.

Condition	Suggested solutions
Background scatter 	Background scatter results from bits of toner distributed on the printed page. • The paper may be too damp. Try printing with a different batch of paper. Do not open packages of paper until necessary so that the paper does not absorb too much moisture. • If background scatter occurs on an envelope, change the printing layout to avoid printing over areas that have overlapping seams on the reverse side. Printing on seams can cause problems. • If background scatter covers the entire surface area of a printed page, adjust the print resolution through your software application or the printer properties.
Misformed characters 	• If characters are improperly formed and producing hollow images, the paper stock may be too slick. Try a different paper. See "Paper Specifications" on page A.9. • If characters are improperly formed and producing a wavy effect, the scanner unit may need service. For service, contact a service representative.
Page skew 	• Ensure that the paper is loaded properly. • Check the paper type and quality. See "Paper Specifications" on page A.9. • Ensure that the paper or other material is loaded correctly and the guides are not too tight or too loose against the paper stack.
Curl or wave 	• Ensure that the paper is loaded properly. • Check the paper type and quality. Both high temperature and humidity can cause paper curl. See "Paper Specifications" on page A.9. • Turn the stack of paper over in the paper tray. Also try rotating the paper 180° in the tray. • Try printing to the rear output slot.

Condition	Suggested solutions
Wrinkles or creases 	• Ensure that the paper is loaded properly. • Check the paper type and quality. See "Paper Specifications" on page A.9. • Turn the stack of paper over in the paper tray. Also try rotating the paper 180° in the tray. • Try printing to the rear output slot.
Back of printouts are dirty 	Check for leaking toner. Clean the inside of the machine. See page 8.4.
Black pages	• The toner cartridge may not be installed properly. Remove the cartridge and reinsert. • The toner cartridge may be defective and need replacing. Remove the toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8. • The machine may require repair. Contact a service representative.
Loose toner 	• Clean the inside of the machine. See page 8.4. • Check the paper type and quality. See "Paper Specifications" on page A.9. • Remove the toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8. • If the problem persists, the machine may require repair. Contact a service representative.

Condition	Suggested solutions
Character Voids 	Character voids are white areas within the parts of characters that should be solid black: • If you are using transparencies, try another type of transparency. Due to the composition of the transparency, some character voids are normal. • You may be printing on the wrong surface on the paper. Remove the paper and turn it around. • The paper may not meet paper specifications. See "Paper Specifications" on page A.9.
Horizontal stripes 	If horizontally aligned black streaks or smears appear: • The toner cartridge may be installed improperly. Remove and reinsert the cartridge. • The toner cartridge may be defective. Remove the toner cartridge and install a new one. See "Replacing the Toner Cartridge" on page 8.8. • If the problem persists, the machine may require repair. Contact a service representative.
Curl 	If the printed paper is curl or paper does not feed into the printer: • Turn the stack of paper over in the paper tray. Also try rotating the paper 180° in the paper tray. • Try printing to the rear output slot.

Copying Problems

Condition	Suggested solutions
Copies are too light or too dark.	Use the **Darkness** button to darken or lighten the background of the copies.
Smears, lines, marks or spots appears on copies.	• If defects are on the original document, press the **Darkness** button to lighten the background of your copies. • If no defects are on the original document, clean the Scan unit. See page 8.5.
Copy image is skewed.	• Ensure that the original document is positioned correctly in the ADF (Automatic Document Feeder). • Check that the copy paper is loaded correctly.
Blank copies print out.	Ensure that the original document is face down in the ADF.
Image rubs off the copy easily.	• Replace the paper in the paper tray with paper from a new package. • In high humidity areas, do not leave paper in the machine for the extended periods of time.
Frequent copy paper jams occurs.	• Fan the stack of paper, then turn it over in the paper tray. Replace the paper in the tray with a fresh supply. Check/adjust the paper guides, if necessary. • Ensure that the paper is the proper paper weight. 75g/m^2 (20 lb) bond paper is recommended. • Check for copy paper or pieces of copy paper remaining in the machine after a paper jam has been cleared.
Fewer copies from the toner cartridge than expected prints out.	• Your original documents may contain pictures, solids or heavy lines. For example, they may be forms, newsletters, books or other documents that use more toner. • The machine may be frequently turned on and off.

Scanning Problems

Condition	Suggested solutions
The scanner does not work.	• Make sure that you place the document to be scanned face down in the ADF. • There may not be enough available memory to hold the document you want to scan. Try the Prescan function to see if that works. Try lowering the scan resolution rate. • Check that the USB or parallel cable is connected properly. • Make sure that the USB or parallel cable is not defective. Switch the cable with a known good cable. If necessary, replace the cable. • If you are using a parallel cable, ensure that it is compliant with the IEEE 1284 standard. • Check that the scanner is configured correctly. Check scan setting in the SmarThru Configuration or the application you want to use to make certain that the scanner job is being sent to the correct port, for example, LPT1.
The unit scans very slowly.	• Check if the machine is printing received data. Scan the document after the current job is completed. • Graphics are scanned more slowly than text. • Communication speed becomes slow in scan mode because of the large amount of memory required to analyze and reproduce the scanned image. Set your computer to the ECP printer mode through BIOS setting. It will help to increase the speed. For details about how to set BIOS, refer to your computer user's guide.
Message appears on your computer screen: • "Device can't be set to the H/W mode you want." • "Port is being used by another program." • "Port is Disabled." • "Scanner is busy receiving or printing data. When the current job is completed, try again." • "Invalid handle." • "Scanning has failed."	• There may be a copying or printing job in progress. When the current job is complete, try the job again. • The selected port is currently being used. Restart your computer and try again. • The printer cable may be improperly connected or the power may be off. You must use a USB 2.0 compliant cable or a parallel cable that supports IEEE-1284 bi-directional communications. • The scanner driver is not installed or an operating environment is not set up properly. • Ensure that port is properly connected and power is on, and then restart your computer. • Do not use the parallel and the USB cables at the same time.

Faxing Problems

Condition	Suggested solutions
The machine is not working, there is no display and the buttons are not working.	• Unplug the power cord and plug it in again. • Ensure that there is power to the electrical receptacle.
No dial tone sounds.	• Check that the phone line is connected properly. • Check that the phone socket in the wall is working by plugging in another phone.
The numbers stored in the memory do not dial correctly.	Make sure that the numbers are stored in the memory correctly. Print a Phonebook list, referring to page page 6.21.
The document does not feed into the machine.	• Make sure that the document is not wrinkled and you are putting it in correctly. Check that the document is the right size, not too thick or thin. • Make sure that the control panel is firmly closed.
Faxes are not received automatically.	• Fax mode should be selected. • Make sure that there is paper in the tray. • Check to see if the display shows "Memory Full."
The machine does not send.	• Make sure that the document is loaded in the ADF. • "TX" should show up on the display. • Check the other fax machine you are sending to, to see if it can receive your fax.
The incoming fax has blank spaces or is received with a poor-quality.	• The fax machine sending you the fax may be faulty. • A noisy phone line can cause line errors. • Check your machine by making a copy. • The toner cartridge may be empty. Replace the toner cartridge, referring to page 8.8.
Some of the words on an incoming fax are stretched.	The fax machine sending you the fax had a temporary document jam.
There are lines on the documents you send.	Check your scanning glass for marks and clean it. See page 8.5.
The machine dials a number, but a connection with another fax machine fails.	The other fax machine may be turned off, out of paper or cannot answer incoming calls. Speak with the other machine operator and ask her/him to clear out the problem.

Condition	Suggested solutions
Documents do not store in memory.	There may not be enough memory space to store the document. If the display shows a "Memory Full" message, delete any documents you no longer need from the memory and then restore the document.
Blank areas appear at the bottom of each page or on other pages, with a small strip of text at the top.	You may have chosen the wrong paper settings in the user option setting. See page 1.35 for Tray 1, page A.4 for the optional Tray 2 and page 2.10 for the manual feeder.

Common Macintosh Problems

Problems in the Chooser

Problem	Possible Cause and Solution
The printer driver icon does not appear in Chooser.	• Software is not installed correctly. Reinstall the software; see page 7.2. • Make sure that you are using a high-quality cable.
The printer name does not appear in the **Connect to** box in Chooser.	• Make sure that the cables are connected correctly and the printer is turned on. • Check if "Ready" appears on the display of the control panel. If not, clear the problem depending on the error message; see page 9.8. • Make sure that the correct printer driver has been selected in Chooser.
You cannot use the computer while the printer is printing.	Background Printing has not been selected. • Select **Background** in the **Background Printing** tab of the Samsung SPL II Printer window. • In Mac OS 10.x, background printing is not supported.

Printer Errors

Problem	Possible Cause and Solution
You cannot use the computer while the printer is printing	Background Printing has not been selected. • Select **Background** in the printer's properties. See page 7.7. (In Mac OS 10.X, background printing is not supported.)

Common Linux Problems

Problem	Possible Cause and Solution
The machine doesn't print	• Check if the printer driver is installed in your system. Open MFP Configurator and switch to the Printers tab in Printers configuration window to look at the list of available printers. Make sure that your machine is displayed on the list. If not, please, invoke Add new printer wizard to set up your device. • Check if the printer is started. Open Printers configuration and select your machine on the printers list. Look at the description in the Selected printer pane. If its status contains "(stopped)" string, please, press the **Start** button. After that normal operation of the printer should be restored. The "stopped" status might be activated when some problems in printing occurred. For instance, this could be an attempt to print document when MFP port is claimed by a scanning application. • Check if the MFP port is not busy. Since functional components of MFP (printer and scanner) share the same I/O interface (MFP port), the situation of simultaneous access of different "consumer" application to the same MFP port is possible. To avoid possible conflicts, only one of them at a time is allowed to gain control over the device. The other "consumer" will encounter "device busy" response. You should open MFP ports configuration and select the port assigned to your printer. In the Selected port pane you can see if the port is occupied by some other application. If this is the case, you should wait for completion of the current job or should press Release port button, if you are sure that the present owner is not functioning properly. • Check if your application has special print option such as "-oraw". If "-oraw" is specified in the command line parameter then remove it to print properly. For Gimp front-end, select "print" -> "Setup printer" and edit command line parameter in the command item.
The machine does not appear on the scanners list	• Check if your machine is attached to your computer. Make sure that it is connected properly via the parallel or USB port and is turned on. • Check if the scanner driver for you machine is installed in your system. Open MFP Configurator, switch to Scanners configuration, then press **Drivers**. Make sure that driver with a name corresponding to your machine's name is listed in the window.

Problem	Possible Cause and Solution
The machine does not appear on the scanners list (continued)	• Check if the MFP port is not busy. Since functional components of MFP (printer and scanner) share the same I/O interface (MFP port), the situation of simultaneous access of different "consumer" application to the same MFP port is possible. To avoid possible conflicts, only one of them at a time is allowed to gain control over the device. The other "consumer" will encounter "device busy" response. This can usually happen while starting scan procedure, and appropriate message box displays. • To identify the source of the problem, you should open MFP ports configuration and select the port assigned to your scanner. MFP port's symbol /dev/mfp0 corresponds to LP:0 designation displayed in the scanners' options, /dev/mfp1 relates to LP:1 and so on. USB ports start at /dev/mfp4, so scanner on USB:0 relates to /dev/mfp4 respectively and so forth sequentially. In the Selected port pane you can see if the port is occupied by some other application. If this is the case, you should wait for completion of the current job or should press Release port button, if you are sure that the present port's owner is not functioning properly.
The machine doesn't scan	• Check if a document is loaded into the machine. • Check if your machine is connected to the computer. Make sure if it is connected properly if I/O error is reported while scanning. • Check if MFP port is not busy. Since functional components of MFP (printer and scanner) share the same I/O interface (MFP port), the situation of simultaneous access of different "consumer" application to the same MFP port is possible. To avoid possible conflicts, only one of them at a time is allowed to gain control over the device. The other "consumer" will encounter "device busy" response. This can usually happen while starting scan procedure, and appropriate message box will be displayed. To identify the source of the problem, you should open MFP ports configuration and select the port assigned to your scanner. MFP port's symbol /dev/mfp0 corresponds to LP:0 designation displayed in the scanners' options, /dev/mfp1 relates to LP:1 and so on. USB ports start at /dev/mfp4, so scanner on USB:0 relates to /dev/mfp4 respectively and so forth sequentially. In the Selected port pane you can see if the port is occupied by some other application. If this is the case, you should wait for completion of the current job or should press Release port button, if you are sure that the present port's owner is not functioning properly.

Problem	Possible Cause and Solution
I can't print when I installed both Linux Print Package (LPP) and MFP driver on the same machine simultaneously.	• Since both Linux Printer Package and MFP driver make a symbolic link to "lpr" printing command, which is commonly used on Unix clones, it is not recommended to use both package on the same machine. • If you still want to use both packages simultaneously, please install the LPP first. • If you want to uninstall only one of them, please uninstall both packages and install that one you want to use again. • If you don't want to uninstall MFP driver and install it again, you may make the necessary symbolic link yourself. Please, log in as root user and invoke the following command: ln -sf /usr/local/bin/samsung/slpr /usr/bin/lpr
Can't scan via Gimp Front-end.	Check if Gimp Front-end has "Xsane:Device dialog.." on the "Acquire" menu. If not, you should install Xsane plug-in for Gimp on the your computer. You can find Xsane plug-in package for Gimp on Linux distribution CD or Gimp home page. For the detail information, refer to the Help for Linux distribution CD or Gimp Front-end application. If you wish to use other kind of scan application, refer to the Help for application.

A APPENDIX

This chapter includes:

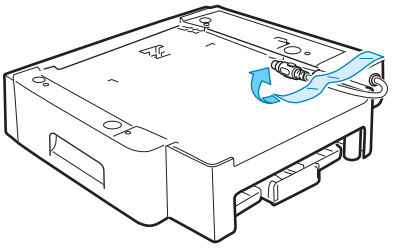
- **Installing an Optional Tray**
- **Specifications**
- **Scanner Specifications**
- **Printer Specifications**
- **Facsimile Specifications**
- **Paper Specifications**

Installing an Optional Tray

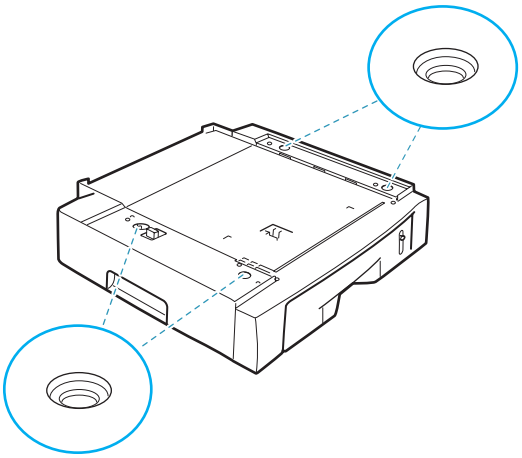
You can increase the paper handling capacity of your machine by installing an optional Tray 2. This tray holds 250 sheets of paper.

1. Turn the machine off and unplug all cables from the machine.

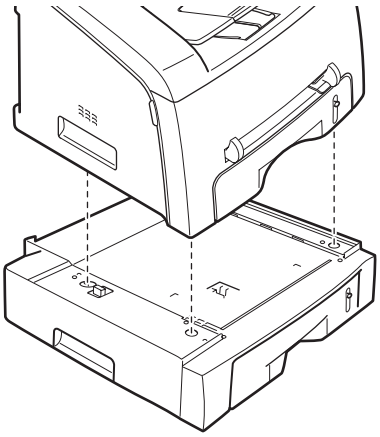
2. Remove the packing material from the tray and remove the tape fixing the interface cable to the tray.



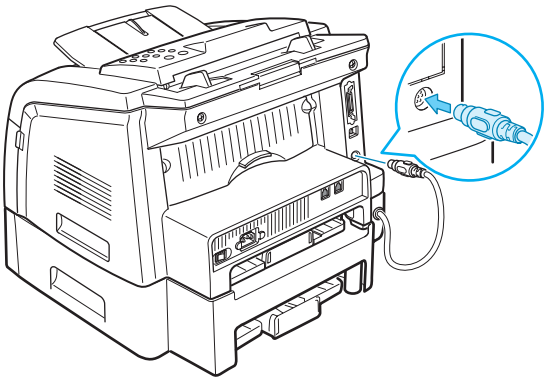
3. Find the location of the optional tray positioners.



4 Place the machine over the tray, aligning the feet on the machine with the positioners of the tray.



5 Plug the interface cable of the tray into the Tray 2 cable connector on the back of the machine.



6 Load paper in the optional Tray 2. The instructions for loading paper in this tray is the same as you would when loading the standard paper tray. See page 1.11.

7 Reconnect the power cord and cables and then turn the machine on.

Setting Tray 2 in the Printer's Properties

If you installed Tray 2 with your machine on, the machine does not recognize it. In this case, you need to set the tray in the printer's Properties window so that you can use it for PC-printing.

1. Click the Windows Start menu.
2. For Windows 95/98/Me/NT4.0/2000, select **Settings** and then **Printers**.

   For Windows XP, select **Printers and Faxes**.
3. Select the **Samsung MFP 750 Series** printer.
4. Click the right mouse button on the printer icon and select **Properties**.
5. Click the **Printer** tab, select **Tray 2** from the Optional Tray drop down list and click **OK**.

Setting the Paper Type and Size for Tray 2

After installing the optional Tray 2 and loading paper in the tray, you need to set the paper type and size using the control panel buttons. These settings will apply to Fax and Copy modes. For PC-printing, you need to select the paper type and size in the application program you use.

1. Press **Menu**.

   The display shows "Paper Setting" on the top line and the first menu item, "Paper Type," on the bottom line.
2. Press **Enter** to access the menu item.
3. Use the scroll button (◄ or ►) to find the paper type you are using and press **Enter** to save it.
4. Press the ► button to scroll to "Paper Size" and press **Enter** to access the menu item.
5. Press the scroll button (◄ or ►) until "Tray 2 Size" appears on the bottom line.
6. Use the scroll button (◄ or ►) to find the paper size you are using and press **Enter** to saves it.

   To return to Standby mode, press **Stop/Clear**.

Specifications

General Specifications

Item	Description
Automatic document feeder (ADF)	Up to 50 sheets (weight: 75 g/m^2, 20 lb)
ADF Document size	Width: 142 to 216 mm (5.6 to 8.5 inches) Length: 148 to 356 mm (5.8 to 14 inches)
Paper input capacity	Paper tray: 250 sheets (weight: 75 g/m^2, 20 lb) Manual feeder: 1 sheets (weight: 75 g/m^2, 20 lb) Optional Paper tray: 250 sheets (weight: 75 g/m^2, 20 lb)
Paper output capacity	Front output tray: 150 sheets (face down) Rear output slot: 1 sheet (face up)
Paper type	Paper tray: Plain paper (60 ~ 90 g/m^2, 16 ~ 24 lb) Manual feeder: Plain paper, Transparencies, Labels, Card stock, Thick, Thin, Bond, Preprinted, Colored, Envelopes (60 ~ 163 g/m^2, 16 ~ 43 lb)
Consumables	1-piece toner cartridge system
Power requirements	100 ~ 127 VAC, 50/60 Hz, 4.5A 220 ~ 240 VAC, 50/60 Hz, 2.5A
Power consumption	Sleep mode: 15W(100 ~ 127 VAC) / 15W(220 ~ 240 VAC) Standby mode: 75 W(100 ~ 127 VAC) / 75 W(220 ~ 240 VAC) Average: 320 W
Noise	Warm-up: 52 dB Standby mode: 39 dB Scanning: 52 dB Printing: 52 dB
Warm-up Time	35 seconds
Operating conditions	Temperature: 50 ^{o}F to 89 ^{o}F (10 ^{o}C to 32 ^{o}C) Humidity: 20 % to 80 % RH
LCD	16 characters x 2 lines
Toner cartridge life	3,000 pages @ IDC 5 % coverage

Item	Description
SET dimension (W x D x H)	Main: 388 x 417 x 335 mm SCF: 386 x 392 x 90 mm
Weight	Net: 11.0Kg (including consumables) Gross: 14.0Kg (including consumables, accessories and package) SCF: 2.5 Kg
Package weight	Paper: 2.7 Kg Plastic: 0.7 Kg

Scanner Specifications

Item	Description
Compatibility	TWAIN standard
Scan method	Color CIS
Scan resolution	600 X 300 dpi (optical)/4800 X 4800 (maximum)
Scan length	Maximum: 15.7 inches (400 mm)
Scan width	Maximum: 8.5 inches (216 mm) Effective: 8.2 inches (208 mm)
Bit depth	1 bit for B/W mode 8 bit for Gray mode 24 bit for Color mode

Copier Specifications

Item	Description
Scan method	Color CIS
Scan length	Maximum: 15.7 inches (400 mm)
Scan width	Maximum 8.5 inches (216 mm) Effective 8.2 inches (208 mm)
Copy speed (SDMC)	Letter: 17 copies per minute A4: 16 copies per minute
Copy speed (MDMC)	Letter: 8 copies per minute A4: 7 copies per minute

Item	Description
Copy resolution	600 x 300 dpi (optical)/ 600 X 600 (printing)
Zoom rate	50 ~ 200 %
Multiple copies	99 pages
Bit depth	1 bit for Text mode 8 bit for Gray mode
Halftone	256 levels

Printer Specifications

Item	Description
Print method	Laser Beam Printing
Print speed	Letter: 17 pages per minute A4: 16 pages per minute
Paper size	Paper tray: Letter, A4, Legal, Folio, A5, A6, B5 Manual feeder: Letter, Legal, A4, Folio, Executive, A5, A6, A6 card, Post Card 4x6, Hagaki, Envelope 7-3/4, Envelope 9, Envelope 10, Envelope DL, Envelope C5, Envelope C6, Envelope B5 * Min.: 76 x 127 mm (3 x 5 in.) Max.: 216 x 356 (8.5 x 14 in.)
Print resolution	600 x 600 dpi
Emulation	SPL (GDI)
PC Interface	IEEE 1284 (ECP Only), USB 2.0
Compatibility	Windows 95/98/2000/NT 4.0/Me/XP Macintosh 8.6 or later Linux: • Redhat 7.1 and above • Linux Mandrake 8.0 and above • SuSE 7.1 and above • Caldera OpenLinux 3.1 and above • Turbo Linux 7.0 and above • Slackware 8.1 and above
First printing time	Standby mode: 12 seconds Power save mode: 42 seconds
Memory	16 MB

Facsimile Specifications

Item	Description
Compatibility	ITU-T Group 3
Applicable line	Public Switched Telephone Network (PSTN) or behind PABX
Data coding	MH/MR/MMR (ECM Mode)/JBIG
Modem speed	33600/31200/28800/26400/24000/21600/19200/16800/14400/12000/9600/7200/4800/2400 bps with fall back
Transmission speed	Approx. 3 seconds/page * Transmission time applies to memory transmission of text data with ECM compression using only ITU-T No.1 Chart.
Scan speed	Approx. 1.5 seconds/LTR (at standard fax resolution mode)
Paper size	Letter, A4, Legal, Executive, Folio , B5
Resolution	Standard: 203 x 98 dpi Fine: 203 x 196 dpi Super Fine: 300 x 300 dpi Photo: 203 x 196 dpi
User Memory	5 MB
Halftone	256 levels
Auto dialer	One-touch dialing (up to 40 numbers) Speed dialing (up to 150 numbers)

Paper Specifications

Overview

Your machine accepts a variety of print materials, such as cut-sheet paper, including up to 100 % recycled fiber content paper, envelopes, labels, transparencies and custom-size paper. Properties, such as weight, composition, grain and moisture content, are important factors affecting the machine's performance and the output quality. Paper that does not meet the guidelines outlined in this user's guide can cause the following problems:

- Poor print quality
- Increased paper jams
- Premature wear on the machine.

NOTES:
- Some paper may meet all of the guidelines in this guide and still not produce satisfactory results. This may be the result of improper handling, unacceptable temperature and humidity levels or other variables over which Samsung has no control.
- Before purchasing large quantities of paper, insure the paper meets the requirements specified in this user's guide.

CAUTION: Using paper that does not meet these specifications may cause problems, requiring repairs. These repairs are not covered by Samsung's warranty or service agreements.

Supported Sizes of Paper

Size (mm/in.)	Weight	Capacity*
Plain paper Letter (215.9 x 279/8.5 x 11) A4 (210 x 297/8.27 x 11.69) Folio (215.9 x 330.2/8.5 x 13) Legal (215.9 x 355.6/8.5 x 14) Executive (184.2 x 266.7/7.25 x 10.5) B5(182 x 257/7.2 x 10) A5 (148 x 210/5.83 x 8.27) A6 (105 x 148/4.13 x 5.88)	• 60 to 90 g/m^2 bond (16 to 24 lb) for the paper tray (Tray 1/2) • 60 to 163 g/m^2 bond (16 to 43 lb) for the manual feeder	• 250 sheets of 75 g/m^2 bond (20 lb) paper for the paper tray (Tray 1/2) • 1 sheet of paper for the manual feeder
Envelopes No.9 (98.4 x 225.4/3.88 x 8.88) No.10 (104.8 x 241.3/4.13 x 9.5) DL (110 x 220/4.33 x 8.66) C5 (162 x 229/6.38 x 9.02) C6 (114 x 162/4.49 x 6.38) B5 (176 x 250/6.93 x 9.84) No.7 3/4 (98.4 x 190.5/3.88 x 7.5)	75 to 90 g/m^2	1 sheet of paper for the manual feeder

Size (mm/in.)	Weight	Capacity*
Labels Letter (215.9 x 279/8.5 x 11) A4 (210 x 297/8.27 x 11.69)	120 to 150 g/m^2	1 sheet of paper for the manual feeder
Transparency films Letter (215.9 x 279/8.5 x 11) A4 (210 x 297/8.27 x 11.69)	138 to 146 g/m^2	
Card stocks A6 card (105 x 148/4.13 x 5.88) Post Card (101.6 x 152.4/4 x 6) Hagaki (100 x 148/3.94 x 5.83)	90 to 163 g/m^2	
Minimum size (custom)	60 to 120 g/m^2 bond (16 to 32 lb)	
Maximum size (Legal)		

*. Capacity may vary depending on print materials' weight and thickness, and environmental conditions.

NOTE: You may experience jams when using print materials with a length of less than 127 mm (5 in.). For optimum performance, ensure that you are storing and handling the paper correctly. Please refer to "Paper Storage Environment" on page .12.

Guidelines for Using Paper

For best results, use conventional 75 g/m^2 (20 lb) paper. Ensure that the paper is of good quality, and free of cuts, nicks, tears, spots, loose particles, dust, wrinkles, voids, and curled or bent edges.

If you are unsure of what type of paper you are loading, such as bond or recycled paper, check the label on the package.

The following problems may cause print quality deviations, jamming or even damage to the machine:

Symptom	Problem with Paper	Solution
Poor print quality or toner adhesion, problems with feeding	Too moist, too rough, too smooth or embossed; faulty paper lot	Try another kind of paper, between 100 ~ 400 Sheets, 4 ~ 5 % moisture content.
Dropout, jamming, curl	Stored improperly	Store paper flat in its moisture-proof wrapping.
Increased gray background shading/machine wear	Too heavy	Use lighter paper, use the rear output slot.
Excessive curl problems with feeding	Too moist, wrong grain direction or short-grain construction	• Use the rear output slot. • Use long-grain paper.

Symptom	Problem with Paper	Solution
Jamming, damage to machine	Cutouts or perforations	Do not use paper with cutouts or perforations.
Problems with feeding	Ragged edges	Use good quality paper.

NOTES:

- Do not use letterhead paper printed with low-temperature inks, such as those used in certain types of thermography.
- Do not use raised or embossed letterhead.
- The machine uses heat and pressure to fuse toner to the paper. Insure that any colored paper or preprinted forms use inks that are compatible with this fusing temperature (200 °C or 392 °F for 0.1 second).

Paper Specifications

Category	Specifications
Acid Content	5.5 pH or lower
Caliper	0.094 ~ 0.18 mm (3.0 ~ 7.0 mils)
Curl in Ream	Flat within 5 mm (0.02 in.)
Cut Edge Conditions	Cut with sharp blades with no visible fray.
Fusing Compatibility	Must not scorch, melt, offset or release hazardous emissions when heated to 200 °C (392 °F) for 0.1 second.
Grain	Long Grain
Moisture Content	4 % ~ 6 % by weight
Smoothness	100 ~ 400 Sheffied

Paper Output Capacity

Output Location	Capacity
Face-down output tray	150 sheets of 75 g/m^2 bond (20 lb) paper
Face-up output slot	1 sheet of 75 g/m^2 bond (20 lb) paper

Paper Storage Environment

Paper storage environmental conditions directly affect the feed operation.

Ideally, the machine and paper storage environment should be at or near room temperature, and not too dry or humid. Remember that paper is hygroscopic; it absorbs and loses moisture rapidly.

Heat works with humidity to damage paper. Heat causes the moisture in paper to evaporate, while cold causes it to condense on the sheets. Heating systems and air conditioners remove most of the humidity from a room. As paper is opened and used, it loses moisture, causing streaks and smudging. Humid weather or water coolers can cause the humidity to increase in a room. As paper is opened and used it absorbs any excess moisture, causing light print and dropouts. Also, as paper loses and gains moisture it can become distorted. This can cause paper jams.

Care should be taken not to purchase more paper than can be used in a short time (about 3 months). Paper stored for long periods may experience heat and moisture extremes, which can cause damage. Planning is important to prevent damage to large supplies of paper.

Unopened paper in sealed reams can remain stable for several months before use. Opened packages of paper have more potential for damage, especially if they are not wrapped with a moisture-proof barrier.

The paper storage environment should be properly maintained to ensure optimum performance. The required condition is 20 to 24 °C (68 to 75 °F), with a relative humidity of 45 % to 55 %. The following guidelines should be considered when evaluating the paper's storage environment:

- Paper should be stored at or near room temperature.
- The air should not be too dry or too humid.
- The best way to store an opened ream of paper is to rewrap it tightly in its moisture-proof wrapping. If the machine environment is subject to extremes, unwrap only the amount of paper to be used during the day's operation to prevent unwanted moisture changes.

Envelopes

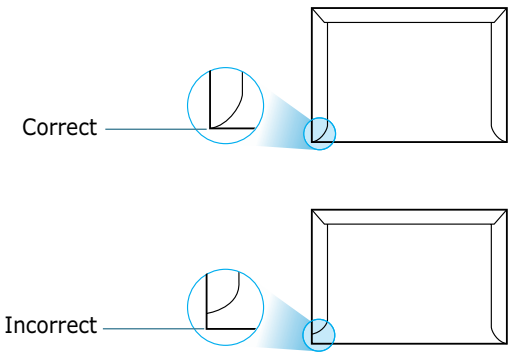
Envelope construction is critical. Envelope fold lines can vary considerably, not only between manufacturers, but also within a box from the same manufacturer. Successful printing on envelopes depends upon the quality of the envelopes. When selecting envelopes, consider the following components:

- Weight: The weight of the envelope paper should not exceed 90g/m^2 (24lb) or jamming may occur.
- Construction: Prior to printing, envelopes should lie flat with less than 6mm (0.25in.) curl, and should not contain air.
- Condition: Envelopes should not be wrinkled, nicked or otherwise damaged.
- Temperature: You should use envelopes that are compatible with the heat and pressure of the machine.
- Size: You should only use envelopes within the following size ranges

NOTES:
- Use only the manual feeder to print envelopes.
- You may experience some paper jams when using any media with a length less than 140 mm (5.5 in.). This may be caused by paper that has been affected by environmental conditions. For optimum performance, make sure you are storing and handling the paper correctly. Please refer to "Paper Storage Environment" on page .12.

Envelopes with Double Side Seams

Double side-seams construction has vertical seams at both ends of the envelope rather than diagonal seams. This style may be more likely to wrinkle. Be sure the seam extends all the way to the corner of the envelope as illustrated below.



Envelopes with Adhesive Strips or Flaps

Envelopes with a peel-off adhesive strip or with more than one flap that folds over to seal must use adhesives compatible with the heat and pressure in the machine. The extra flaps and strips might cause wrinkling, creasing or even jams and may even damage the fuser.

Envelope Margins

The following gives typical address margins for a commercial #10 or DL envelope.

Type of Address	Minimum	Maximum
Return address	15 mm (0.6 in.)	51 mm (2 in.)
Delivery address	51 mm (2 in.)	90 mm (3.5 in.)

NOTES:
- For the best print quality, position margins no closer than 15 mm (0.6 in.) from the edges of the envelope.
- Avoid printing over the area where the envelope's seams meet.

Envelope Storage

Proper storage of envelopes helps contribute to print quality. Envelopes should be stored flat. If air is trapped in an envelope, creating an air bubble, then the envelope may wrinkle during printing.

Labels

CAUTION:
- To avoid damaging the machine, use only labels recommended for laser printers.
- To prevent serious jams, always use the manual feeder to print labels and always use the rear output tray.
- Never print on the same sheet of labels more than once and never print on a partial sheet of labels.

When selecting labels, consider the quality of each component:

- Adhesives: The adhesive material should be stable at 180°C (356°F), the machine's fusing temperature.
- Arrangement: Only use labels with no exposed backing between them. Labels can peel off sheets with spaces between the labels, causing serious jams.
- Curl: Prior to printing, labels must lie flat with no more than 13mm (5in.) of curl in any direction.
- Condition: Do not use labels with wrinkles, bubbles or other indications of separation.

Transparencies

Transparencies used in the machine must be able to withstand 180°C (356°F), the machine's fusing temperature.

CAUTION: To avoid damaging the machine, use only transparencies recommended for use in laser printers.

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